CONSTRUCTION NEWS

Engineering News-Record, Nov. 12, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded, are the following big jobs:

Proposed Work

Irrigation, Texas, Cotulla-La Salle Co. plan bond election, $7,331,000.

Office, Chicago, Ill., H. Goldstine, et al, having plans prepared, $5,500,000.

Court house, Milwaukee, Wis., Milwaukee Co. having preliminary plans made, $5,000,000.

Schools, Houston, Tex., Bd. of Educ. voted $4,000,000 for new schools, etc.

Medical, New York, N. Y., E. Lignate having sketches made, $4,000,000.

Sewers, Akron, O., voted bonds for $3,500,000.

Subway tunnel, New York, N. Y., Bd. Transportation making plans, $3,000,000.

Hospital, Chicago, Ill., Comrs. of Cook County had plans prepared, $2,500,000.

Bridge, Pennsylvania, Lancaster Co. and York Co. voted bonds, $1,500,000.

Road work, Tyler, Tex., Smith Co. making preliminary plans, $1,500,000.

Water works extension, Fort Worth, Tex., plans bond election, $1,500,000.

Street work, Nashville, Tenn., plans bond election, $1,500,000.

Reservoir, Mossyrock, Wash., Cowlitz, Cascade & Chehalis Ry. Co. plans reservoir, $1,500,000.

Medical Arts, Fort Worth, Tex., Tarrant Co. had preliminary plans prepared, $1,500,000.

Apartment, Philadelphia, Pa., B. Shulman, archt., made plans, $1,500,000.

Nurses' home, New York, N. Y., Mt. Sinai Hospital having plans prepared, $1,500,000.

Bids Wanted On Big Jobs

Office, Detroit, Mich., Nov. 24, A. Kahn, archt., $2,500,000.

Storage warehouse, Gulfport, Miss., Bonded Warehouse & Storage Co. soon takes bids, $2,000,000.

Storm and sanitary sewers, West Palm Beach, Fla., city takes bids early in Dec., $1,750,000.

Office, Chicago, Ill., F. D. Chase, Inc., archts., soon takes bids, $1,200,000.

Large Contracts Let During Week

Theatre, New York, N. Y., Roxy Theatre to Chanin Contr. Co., $5,000,000.

Hotel, Los Angeles, Calif., Hotel Holding Co. to Trewitt & Shields, $3,500,000.

Apartment hotel, New York, N. Y., Hess & Kahn will build, work done by separate contracts, $3,000,000.

Hotel, Pass Christian, Miss., Edgewater Beach Co. to B. Marshall and J. W. Billingsley, $2,000,000-$3,000,000.

Blast furnace, St. Louis, Mo., St. Louis Coke & Iron Co. to P. Conley Co., $2,000,000.

Street improvement, Chicago, Ill., to Mid-Continent Constr. Co., $1,849,504.

Repair shop, Coney Island, N. Y., Bd. of Transportation to P. J. Carlin Constr. Co., $1,700,000.

Factory, Riverside, Calif., Soda Potash Products Co. to Union Eng. Co., $1,250,000.

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Nov. 13	Brooklyn, N. Y.	Nov. 5
Nov. 13	St. George, N. Y.	Nov. 5
Nov. 14	Cleveland, O.	Nov. 5
Nov. 16	Appleton, Wis.	Nov. 12
Nov. 17	Holly Hill, Fla.	Nov. 5
Nov. 17	Toronto, Ont.	Nov. 12
Nov. 17	Welsh, La.	Nov. 12
Nov. 17	West Hickory (sta. Hickory), N. C.	Nov. 12
Nov. 18	Baltimore, Md.	Nov. 12
Nov. 20	Bend, Ore.	Nov. 5
Nov. 23	Mankato, Minn.	Nov. 12
Nov. 23	Eugene, Ore.	Nov. 12
Nov. 24	Lexington, S. C.	Oct. 29
Nov. 24	Tampa, Fla.	Oct. 29
Nov. 24	Bryan, Tex.	Nov. 12
Nov. 30	Pierce City, Mo.	Nov. 12
Jan. 12	Toronto, Ont.	Nov. 12

SEWERS

Bids Close		See Eng. News-Record
Nov. 16	Hamilton, Ont.	Oct. 15
Nov. 16	Little Falls, N. J.	Oct. 22
Nov. 16	Waterloo, Ia.	Nov. 12
Nov. 16	Milwaukee, Wis.	Nov. 12
Nov. 16	Detroit, Mich.	Nov. 12
Nov. 17	Billings, Okla.	Nov. 12
Nov. 17	Holly Hill, Fla.	Nov. 5
Nov. 17	St. Louis, Mo.	Oct. 22
Nov. 17	St. Louis, Mo. Adv. Oct. 29 to Nov. 12.	Oct. 29
Nov. 17	West Hickory (Sta. Hickory), N. C.	Oct. 29
Nov. 17	Maryland	Nov. 5
Nov. 17	Milwaukee, Wis.	Nov. 12
Nov. 18	Baltimore, Md.	Nov. 12
Nov. 18	Cleveland, O.	Nov. 12
Nov. 24	Louisville, Ky. Adv. Oct. 29 and Nov. 12	Oct. 29
Dec. 2	New Orleans, La. Adv. Oct. 8 to Nov. 12.	Oct. 8

BRIDGES

Bids Close		See Eng. News-Record
Nov. 16	New Jersey	Oct. 29
Nov. 17	St. Catherine, Ont.	Oct. 29
Nov. 18	Bronxville, N. Y. Adv. Oct. 29 to Nov. 12.	Oct. 29
Nov. 19	Long Beach, Calif.	Oct. 29
Nov. 20	Jacksonville, Fla. Adv. Nov. 12.	Nov. 12
Nov. 23	Houston, Tex.	Nov. 12
Nov. 23	Wichita Falls, Tex.	Nov. 12
Nov. 24	Wisconsin Adv. Nov. 12.	Nov. 12
Nov. 24	Virginia Adv. Nov. 12.	Nov. 12
Nov. 24	Palatka, Fla.	Nov. 5
Nov. 24	Michigan	Nov. 12
Nov. 25	Winfield, Kan.	Nov. 12
Nov. 27	Chicago, Ill.	Nov. 12
Nov. 30	New Jersey and Pennsylvania Adv. Nov. 12.	Nov. 12
Nov. 30	New Jersey Adv. Nov. 12.	Nov. 12
Dec. 1	Washington	Oct. 29
Dec. 3	Stockton, Kan.	Nov. 12
Dec. 12	Smithville, Tenn.	Nov. 12

EXCAVATION, DRAINAGE IRRIGATION, LEVEES RIVER AND HARBOR

Bids Close		See Eng. News-Record
Nov. 17	Tarkio, Mo.	Nov. 5
Nov. 17	Seagirt, N. J.	Nov. 12
Nov. 19	Osceola, Ark.	Nov. 5
Nov. 20	Osceola, Ark.	Nov. 5
Nov. 23	Brockton, Ill.	Nov. 5
Nov. 23	Worthington, Minn.	Nov. 12
Nov. 24	Louisiana	Oct. 15
Nov. 24	Ontario	Oct. 29
Dec. 8	Stuart, Fla. Adv. Nov. 5 and 12.	Nov. 5
Dec. 15	Mobile, Ala. Adv. Oct. 22 to Nov. 12.	Oct. 22
Jan. 1	Brownsville, Tex.	Oct. 1

STREETS AND ROADS

Bids Close		See Eng. News-Record
Nov. 15	Madison, Ind.	Oct. 8
Nov. 15	Anderson, Ind.	Nov. 12
Nov. 16	Garber, Okla	Nov. 12
Nov. 16	Salina, Kan.	Nov. 5
Nov. 16	New Jersey	Oct. 29
Nov. 16	Sanford, Fla.	Oct. 22
Nov. 17	Holly Hill, Fla.	Nov. 5
Nov. 17	Louisiana	Oct. 29
Nov. 17	Salina, Kan.	Oct. 29
Nov. 17	Waycross, Ga.	Nov. 5
Nov. 17	Hobart, Okla.	Nov. 12
Nov. 17	Canton, Ga.	Nov. 12
Nov. 17	Saluda, N. C.	Nov. 12
Nov. 17	Massachusetts	Nov. 12
Nov. 17	Rushville, Ind.	Nov. 12
Nov. 18	Midland, Ont.	Nov. 12
Nov. 19	North Dakota	Nov. 12
Nov. 19	Long Island City, N. Y.	Nov. 12
Nov. 19	Fessenden, N. D.	Nov. 12
Nov. 20	Paola, Kan.	Nov. 12
Nov. 20	Fort Worth, Tex.	Nov. 12
Nov. 23	Fort Worth, Tex.	Nov. 12
Nov. 23	Michigan	Nov. 12
Nov. 23	Forest Park, Ill. Adv. Nov. 12.	Nov. 12
Nov. 24	Louisiana	Oct. 8
Nov. 24	Birmingham, Ala.	Oct. 29
Nov. 25	Rhode Island Adv. Nov. 12.	Nov. 12
Nov. 25	Webster Springs, W. Va. Adv. Nov. 12.	Nov. 12
Dec. 1	Louisiana	Nov. 12
Dec. 1	Gulfport, Miss.	Nov. 12
Dec. 3	Louisiana	Nov. 12
Dec. 4	Duluth, Minn.	Nov. 5
Dec. 4	Huntsville, Tex.	Nov. 12
Dec. 7	Kentucky	Oct. 29
Dec. 7	Morgantown, W. Va.	Oct. 29
Dec. 7	Pennsylvania Adv. Nov. 12.	Nov. 12
Dec. 15	Tampa, Fla. Adv. Nov. 12.	Nov. 12

BUILDINGS—INDUSTRIAL

Bids Close		See Eng. News-Record
Nov. 16	Minneapolis, Minn.	Nov. 12
Nov. 17	Phila., Pa.	Nov. 12

BUILDINGS—COMMERCIAL

Bids Close		See Eng. News-Record
Nov. 15	Aurora, Ill.	Aug. 27
Nov. 15	Portsmouth, N. H.	Nov. 12
Nov. 16	Boise City, Okla.	Nov. 5
Nov. 16	Moore Haven, Fla.	Nov. 5
Nov. 16	Phila., Pa.	Nov. 12
Nov. 17	Hartford, Conn.	Nov. 12
Nov. 17	Eloise, Mich.	Nov. 12
Nov. 21	Nashville, Tenn.	Nov. 12
Nov. 24	Detroit, Mich.	Nov. 12
Nov. 25	Wash., D. C. Adv. Nov. 12	Nov. 12
Dec. 1	Youngstown, N. Y.	Oct. 22
Jan. 10	Duluth, Minn.	Oct. 29

BUILDINGS—EDUCATIONAL, RELIGIOUS

Bids Close		See Eng. News-Record
Nov. 16	Storrs, Conn.	Nov. 12
Nov. 17	Milmont (Ridley Park P. O.), Pa.	Nov. 12
Nov. 17	Bastrop, La.	Nov. 12
Nov. 20	Allentown, Pa.	Nov. 12
Nov. 23	Elmhurst, Ill.	Nov. 5
Nov. 25	Los Angeles, Calif.	Nov. 15
Dec. 1	Duluth, Minn.	Oct. 1
Dec. 2	Eloise, Mich.	Nov. 12

Bids Close — See Eng. News-Record

FEDERAL GOVERNMENT WORK

Nov. 16 Derrick Boat—Milwaukee, Wis. ..... Oct. 15
Nov. 16 Addition — Fairmont, W. Va. ..... Oct. 29
Nov. 16 Bank—Birmingham, Ala. ..... Nov. 12
Nov. 17 Refrigerating Plant—Oteen, N. C. ..... Oct. 29
Nov. 18 Boiler Plant Equipment — Wash., D. C. ..... Nov. 5
Nov. 23 Post Office—Salt Lake City, Utah ..... Nov. 5
Nov. 24 Remodeling—Shreveport, La. ..... Oct. 29
Nov. 25 Storehouse—Puget Sound, Wash. ..... Nov. 5
Nov. 25 Boiler Plant Equipment — Wash., D. C. ..... Nov. 12
Adv. Nov. 5 and 12.
Nov. 25 Fence—San Francisco, Calif. ..... Oct. 29
Nov. 27 Dredging—Galveston, Tex. Oct. 29
Adv. Oct. 29 to Nov. 12
Nov. 27 Dredging—Galveston, Tex. Nov. 5
Adv. Nov. 5 and 12.
Nov. 30 Institution — Alderson, W. Va. ..... Oct. 29
Adv. Nov. 5 and 12.
Dec. 3 Gates—Nebraska ..... Oct. 29
Dec. 7 Quarters—Sacket Harbor, N. Y. ..... Nov. 12
Adv. Nov. 5 and 12.
Dec. 10 Work Boats — Memphis, Tenn. ..... Nov. 12
Adv. Nov. 12.
Dec. 21 Dredging—Honolulu, T. H. Oct. 29
Adv. Oct. 29 and Nov. 12

UNCLASSIFIED

Nov. 17 Wharf—Victoria Beach, Man. ..... Nov. 5
Nov. 17 Subway—New York, N. Y. Nov. 5
Nov. 18 Foundations, etc.—Phila., Pa. ..... Nov. 12
Nov. 25 Borings, Piles, etc.—Albany, N. Y. ..... Nov. 12
Dec. 1 Stadium—Columbia, Mo. ... Nov. 5
Dec. 3 Sanitary Work, etc.—Newark N. Y. ..... Nov. 12
Adv. Nov. 5 and 12.
Dec. 3 Sanitary Work, etc.—Randall's Island (mail New York City, N. Y.) ..... Nov. 12
Adv. Nov. 5 and 12
Dec. 8 Steel Supports—Wellington, New Zealand ..... Oct. 1

MATERIALS

Nov. 17 Paving Blocks, etc.—Toronto, Ont. ..... Nov. 12
Dec. 1 Cement—Mobile, Ala. ..... Nov. 5
Adv. Nov. 5 and 12.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Pa., Harrisburg — Dauphin Co. voted $90,000 bonds for water system and $100,000 bonds for Vocational Junior High School, both in Swarta Twp.

Fla., Sarasota—Election Nov. 16, $150,000 bonds, extending waterworks, incl. wells, reservoirs, pumps, etc.

Miss., Laurel — Making preliminary plans waterworks and distribution system. To exceed $15,000.

Miss., Picayune — Making plans waterworks and distribution system. $125,000. H. A. Mentz, Hammond, La., engr.

La., Columbia—Making surveys complete waterworks and distribution system. Approximately $90,000. Swanson-McGraw, Inc., Balter Bldg., New Orleans, engrs.

O., Canton — Plans developing new deep water well system in northeast section. $100,000. McCaskey & Reese, Genl. Del., engrs.

O., Youngstown—Republic Iron & Steel Co., plans completing reservoir incl. extension of mains, Jacksons Gulch, Dry Run Valley. $50,000.

Mich., Detroit—Bd. Water Comrs., plan 2,700 ft. 12 in. c.i. mains in Hubbel Ave.; 8 in. mains in 1,940 ft. St. Marys Ave., 2,905 ft. Manning Ave., 2,350 ft. Robinson Ave.; 6 in. mains in 12,801 ft. Wilcox Ave., 2,640 ft. Biltmore Ave., 2,100 ft. McCormick Ave., 1,290 ft. Penrode Ave., 1,335 ft. Manor Ave., 1,335 ft. Mendota Ave. G. A. Fenkell; 176 East Jefferson Ave., genl., mgr.

Ill., Staunton — City Clerk rejected bids earth dam, concrete spillway and corewall, bridge intake, 4,000 sq.yd. brick paving top dam, 8,000 ft. 12 in. c.i. pipe, two 500,000 gal. filter units, steam heating plant, 200,000 gal. concrete reservoir, 100,000 gal. capacity tank on tower, two 600 g.p.m., two 500 g.p.m. and one 1,000 g.p.m. motor driven pumps, also 2 mi. transmission and telephone lines, etc. $200,000. Will readvertise. W. A. Fuller Co., 1917 Ry. Exch. Bldg., St. Louis, Mo., engrs. Noted Oct. 22.

Ill., Warsaw—Takes bids about Dec. 1, 250 g.p.m. purification plant, incl. motor driven pumping equipment. $20,000. Edward Flad Co., 1312 Chemical Bldg., St. Louis, Mo., engrs.

Minn., Mantorville—Plans waterworks. $15,000. R. A. Meeker, village clk. Engineer not announced.

Mo., California—J. B. White, city clk., rejected bids 1,000 ft. deep well. $20,000. Noted Sept. 24.

Mo., Pierce City—See "Bids Desired."

Mo., Republic — Voted $65,000 bonds, waterworks and distribution system. Gantt-Baker Co., 1116 Main St., Oklahoma City, Okla., engrs. Noted Aug. 20.

Ark., Almyra—Making preliminary plans waterworks and distribution system, incl. pumping plant, tank on tower, distribution mains, etc. A. M. Lund, 528 Southern Trust Bldg., Little Rock, engr.

Tex., Corsicana — Election soon $300,000 bonds, waterworks, sewers and paving various streets. Engineer not announced.

Tex., Fort Worth—Election Nov. 24, $1,500,000 bonds water extensions. D. L. Lewis, city engr. Noted Aug. 6.

Tex., Hedley—Election Nov. 18, $48,500 bonds waterworks improvements, incl. 75,000 gal. tank on 120 ft. tower, transmission line, etc.

Tex., La Feria—Voted $300,000 bonds, waterworks. Engineer not announced.

Tex., Teague — Defeated $45,000 bonds waterworks improvemets. J. B. Hawley, 403 Cotton Exch. Bldg., consult. engr. Noted Oct. 15.

Okla., Tulsa — Made plans distribution system for Water Impvt. Dist 5, incl. 25 mi. 4- to 10-in. Matheson joint pipe. Holway Eng. Co., 503 Wright Bldg., engr.

Wash., Everett — City retained R. H. Thomson, consult. engr., Seaboard Bldg., Seattle, to make report for water system, incl. Flowing Lake reservoir $260,000; masonry dam, 600 ft. below present dam $200,000; and aqueduct replacements $21,000.

Wash., Mossyrock—Cowlitz, Cascade & Chehalis Ry. Co., Chehalis, R. W. Sweet, ch. engr., plans reservoir, 25,000 acre ft. capacity, on Cowlitz River, here. $1,500,000.

Calif., Elk Grove — Carroll School Dist. plans automatic pumping system, incl. 200 gal. capacity pressure tank, ¾ hp., 10-35 g.p.m. pump, etc.

Calif., Monterey Park—Plans reservoir for water system. $125,000.

Calif., Roseville — Election soon bonds to exceed $25,000, for water system. J. W. Meredith, city engr. Noted July 30.

Calif., Sacramento — See "Streets and Roads."

Calif., Ventura—Made plans 19,000 lin.ft. 4- to 10-in. c.i. mains in various streets. To exceed $25,000. C. W. Pierce, city engr. Noted June 18.

Calif., Wasco—Wasco Pub. Utility Dist. voted $75,000 bonds, water works. Noted Apr. 16.

Ont., Waterdown — Plans waterworks, incl. 75,000 imperial gal. tank, 6 and 8 in. mains, hydrants, etc. $35,000. R. Crooker, chn.

BIDS DESIRED

N. J., Belvidere—See "Sewers."

Md., Baltimore—Nov. 18, by Bd. Awards, 375 tons 12 in. 500 tons 16 in., and 2,100 tons 20 in. c.i. pipe and fittings to Bureau Water Supply. V. B. Siems, City Hall, water engr.

N. C., Saluda—See "Streets and Roads."

N. C., West Hickory (Sta. Hickory)—Nov. 17, by W. P. Austin, mayor, 24,000 lin.ft. 2- to 8-in. c.i. mains and 21,500 ft. 8- to 10-in. vitr. clay or concrete sewers, etc. in various streets. Carolina Eng. Co., Charlotte, engrs.

La., Welsh — Nov. 17, by City Clerk, waterworks and distribution system. $60,000. Noted Sept. 24.

Wis., Appleton — Nov. 16, by Water Comm., F. R. Morris, asst. secy., 1 or 2 chlorinating machines for waterworks plant.

Wis., Milwaukee—See "Sewers."

Wis., Portage—F. H. Kaiser, water comr., taking bids water meters in lots of 500.

Minn., Mankato — Nov. 23, by F. W. Bates, city clk., removing 3 pump units from old pump station; also furnish and install one 2,000 g.p.m. capacity high service unit, one 1,600 g.p.m. capacity low service unit and one 700 g.p.m. capacity turbine pump or one deep well impeller, etc. P. F. Comstock, city engr. L. P. Wolff, 502 Globe Bldg., St. Paul, consult. engr. Noted Oct. 29.

Mo., Pierce City—Nov. 30, by C. D. Peck, city clk., deep wells; and takes bids later 50,000 gal. reservoir and air lift pump.

Tex., Bryan—Nov. 24, by J. B. Miller, city mgr. waterworks improvements, incl. 400,000 gal. elevated steel tank, etc. $40,000. Noted Oct. 29.

Ore., Eugene—Nov. 23, by Water Bd., 3 m.g. covered reservoir, incl. 9,000 cu.yd. rock excav., 3,000 cu.yd. concrete and rock walls, and 650 cu.yd. concrete. Stevens & Koon, Spalding Bldg., Portland, engrs.

Ont., Toronto—Nov. 17, by T. Foster, chn. Bd. Control, City Hall, ¾ in. and 1 in. service water meters listed in Tender 65. R. C. Harris, city engr.

Ont., Toronto — Jan. 12, by T. Foster, chn. Bd. Control, City Hall, castings, valves, hydrants, etc., as listed in Tenders 66 to 72 (inclusive). $50,000. R. C. Harris, City Hall, engr.

BIDS RECEIVED

N. Y., Long Island City — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Nov. 6, 30 in. steel main, etc. in Beach and North Channel Viaducts, Jamaica Bay Blvd., here, from Mid-West Constr. Co., 189 Montague St., Brooklyn, $581,760; and mains, etc. in various avenues, here, from Stanhy Constr. Co., Steinway Ave., $24,787. Noted Oct. 29.

N. Y., St. George — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Nov. 6, mains in South Ave. and Woodrow Rd., here, from Wataga Contg. Co., 308 Lenox Ave., New York City, $25,930. Noted Oct. 29.

N. J., Glen Gardner—State Institutions & Agencies, Trenton, B. G. Lewis comr., 200,000 gal. steel tank on 100 ft. c.i. tower, and 2 new pumps, etc., New Jersey Sanatorium for Tuberculosis, here, from Hellings & Barns, 151 East 21st St., New York City, N. Y., $39,840. This corrects report in Nov. 5 issue.

La., Kenner—City, Oct. 29, from J. B. McCrary Co., Citizens & Southern Bldg., Atlanta, Ga., new waterworks improvements, Div. (1) $28,916 (4) $37,750 (5) $15 per cu.yd. (8) $15 per cu.yd. (11) $4,000; from Dixie Mill Supply Co., 901 Tchoupitoulas St., New Orleans, (2) $4,092; from Chicago Bridge & Iron Wks., 37 West Van Buren St., Chicago, Ill., (7) $4,935; from Anderson Fdry. & Machine Wks., New Orleans, (3) $15,995; from H. A. Forest, 918 Short St., New Orleans, (6) $10,596, alternate $7,935 (9) $8,795; from James Constr. Co., Bd. Alderman, Kenner, (10) $10,000 and (12) $2,500; also from Caldwell Bros., 816 Howard Ave., New Orleans, entire work, $104,500. Noted Oct. 22.

Wis., Milwaukee — Central Bd. Purchases, Oct. 30, 12 tons special castings for Water Dept., from U. S. Cast Iron Pipe & Fdry. Co., 122 South Michigan Bldg., Chicago, Ill., at $104.90 per ton.

Kan., Kansas City — G. T. Darby, city purch. agt., Oct. 22, purification plant, 10 new filters, 13 m.g. capacity, from Wyatt & Barcus, 25 Stubb Bldg., $276,000. Noted Aug. 6.

Pa., Phila.—Bd. Pub. Wks., Bureau of Water, constructing Oak Lane Pumping Station, Contr. 775, to Kober Constr. Co., 34 South 17th St., $19,676; 3 motor driven centrifugal pumps for Oak Lane Booster Station, Contr. 776, to Acme Machine Co., 316 North 17th St., $16,824; piping for same, to Dravo Doyle Co., Schaff Bldg., $12,760. Grand total $49,260. Noted Oct. 22.

CONTRACTS AWARDED

N. J., Perth Amboy—Water Comrs. various size mains, etc., to Little & Pfeiffer, 149 New Brunswick Ave., $15,282.

O., Cleveland—Comrs Cuyahoga Co., 16,000 ft. 6 and 10 in. c.i. mains in Hollywood Dr. and Ridge Rd., to Hanna & Michael Constr. Co., 2457 West 55th St., $39,562. Noted Oct. 15.

O., West Jefferson—For 22,619 ft. 6 in., 2,100 ft. 4 in., and 1,140 ft. 8 in. mains in various streets, to Fike Constr. Co., Zanesville, approximately $75,000. Noted Sept. 17 under "Columbus, O."

O., Willowick—For 21,050 ft., 6- to 12-in. c.i. mains in various streets, to Lloyd Contg. Co., Xenia, $51,055.

Mich., Birmingham—H. E. Lawler, village clk., 300,000 gal. steel water tank, to Chicago Bridge & Iron Wks., 2105 Old Colony Bldg., Chicago, Ill., $24,200; drilling well approximately 180 ft. deep, 18 in. diam., and installing pump, etc. with 1 m. g. per day capacity, to Harmon-Ness Co., Indianapolis, Ind; $15,350. Noted Oct. 8.

Ill. Litchfield—Bd. Local Impvts., 6 mi. 4- to 8-in. mains, 34 hydrants, 65 gate valves, etc., to Merkle Contg. Co., 100 Davidson Bldg., Kansas City, Mo., $68,500. Noted Sept. 24.

Waterworks (Continued)

Minn., Alexandria—H. S. Campbell, city clk., 1,750 ft. 16 in. cast and riveted iron pipe between municipal power plant and Lake Agnes, to Ft. Dodge Boiler Wks., 307 2nd Ave. S., Fort Dodge, Ia., $19,000. Noted Oct. 22.

Neb., Grand Island—Concrete reservoir, chimney for power plant, etc., to E. Rokhar, 1743 South 24th St., Lincoln; and installing pumps, to Commonwealth Electric Co., 417 Bway., St. Paul, Minn. About $300,000. Noted Oct. 15.

Mo., Malden—For 2 mi. 4 and 6 in. mains and deep wells, to F. M. Luth, 3000 Shenandoah Ave., St. Louis, $16,500; pumps, generator, etc., to Baumes & McDewitt, Mchy. Co., Ry. Exch. Bldg., St. Louis, approximately $31,500. Noted Oct. 1.

Mo., Piedmont—City Council, 4,920 ft. 2 in galvanized and 24,535 ft. 4- to 8-in. c.i. mains, 26 gate valves, 100,000 gal. concrete reservoir, two 150 g.p.m. pumps, etc., to Qual Constr. Co., Mayfield, Ky. $43,817; electrical chlorinator equipment, to Wallace & Tiernan Cox, Inc., 1 Mill St., Newark, N. J. Noted Oct. 1.

Mo., Sedalia—City Water Co., improving station building, to W. Hocker, Sedalia, $15,000; machinery, pumps, boilers, etc., to Allis Chalmers Co., Ry. Exch. Bldg, Heine Boiler Co., 5319 Marcus St., and Reeves & Skinner, 2211 Olive St., all in St. Louis, total $60,000; and finishing installation feeder mains with own forces, $50,000. Grand total $125,000. Noted Oct. 29.

Sewers

PROPOSED WORK

Pa., Lebanon City—Voted $115,000 bonds addition to sewage disposal plant and sewers in various streets.

Fla., West Palm Beach — Takes bids early in December, storm and sanitary sewers in various streets. $1,750,000. T. B. Henry, city engr.

Tenn., Nashville — Election Dec. 17, $1,000,000 bonds, sanitary sewers in various streets. W. W. Southgate, city engr.

O., Akron — Voted $3,500,000 bonds, sewers in various streets. E. A. Tiesloft, city engr. Noted January 8.

O., Carrollton — Plans sewage disposal plant adequate to meet towns requirements for next 10 to 20 years. $50,000. W. Lambright, Genl. Del., head Bd. Pub. Affairs.

Mich., Detroit—Made plans 2 ring, brick and vitr. sewer, 1,000 ft. 12- to 20-in. in Lateral Sewer 4222 between Wyoming, Wisconsin, Morley and Violetlawn Ave.; 869 ft. 15- to 24-in. Lateral 4487, in Tractor and Greyfriars Aves., north of Fort St.; 10,563 ft. 12- to 24-in. Lateral 4468 in Myers, Birwood, Puritan and Auburn Sts., and 1,134 ft. Lateral 4495 between Jennings, Monnier, Tyler, and Grand River Aves.; 1,586 ft. 12- to 18-in. in Lateral 4488, in Robson Ave. from Schoolcraft to Grand River Aves., 1,620 ft. Lateral 4497 between Houston, Evarts, Evanston and Robinwood Aves., and 816 ft. Lateral 4501 between Cass, Woodward, Warren and Putman Aves. P. A. Fellows, City Hall, engr.

Ill., Bloomington—City and Normal Sanitary Dist. take bids in January or February sewage disposal plant, etc. $700,000 bonds voted. Taylor & Woltman, Unity Bldg., engrs. Noted Aug. 13.

Minn., St. Paul—See "Unclassified."

S. D., Sioux Falls — Election Nov. 24, $600,000 bonds, sewage disposal plant. A. A. Chenoweth, 314 Paulton Blk., engr.

Tex., Alice—See "Streets and Roads."

Tex., Corsicana—See "Waterworks."

Tex., Dallas—Dalton & Parker, engrs., Wilson Bldg., soon take bids sewer to serve Irwindell, incl. 12,500 ft. vitr. pipe, for City. $20,000-$30,000.

Tex., Ennis—Takes bids about Jan. 1, extending sewerage system, incl. 8,000 ft. vitr. pipe, 2 filter beds, Imhoff tanks, etc. $40,000. H. McCanless, Ennis, city engr.

Tex., Ft. Worth—Election Nov. 24, $1,800,000 bonds sanitary sewers and $330,000 bonds storm sewers in various streets. D. L. Lewis, city engr.

Tex., La Feria—Voted $200,000 bonds, sewers in various streets. Engineer not announced.

Tex., Pharr — Voted $45,000 bonds sanitary sewerage system. P. Devine, Pharr, engr. Noted Oct. 29.

Okla., Chickasha — Making preliminary plans 7,000 ft. 72 in. segmental block sewers in Iowa and Dakota Sts. $45,000. R. O. Bradley, Chickasha, engrs.

Wash., Seattle—Bd. Pub. Wks., making surveys sewerage system, incl. proposed intercepting system carrying all sewage now dumped into Lake Washington. Plans probably $4,500,000 bonds election for same. J. D. Blackwell, city engr. Noted Aug. 20.

Calif., Fillmore—Plans sewerage system. $75,000 or more.

Calif., Los Angeles—Making plans Sect. 1 Jefferson Storm Drain, approximately 7½ mi. varying from 12 in. pipe to 11 x 10 ft. box section. L. R. Armstrong, South City Hall Annex, city storm drain engr.

Calif., Roseville — City Trustees take bids about Nov. 18, extending sanitary sewerage system, sewerage pumping plant complete, etc. To exceed $25,000. J. W. Meredith, city engr.

Calif., Ventura—Making plans 11,378 lin. ft. 15- to 24-in. trunk line sewerage system, enlarging present disposal plant, etc. C. W. Pierce, city engr. Noted June 18.

Ont., Bowmanville—Plans 1½ mi. 8 in. vitr. clay sewer from here to Boys School. $25,000. F. C. Palmer, Town Hall, engr.

B. C., Vancouver—Election Dec. 19, $200,000 bonds, sewers in various streets. C. Brachenridge, City Hall, engr.

BIDS DESIRED

N. J., Belvidere — Sunbury Converting Wks., Sunbury Pa., taking bids sewage disposal plant and water works, at factory, here. O. Wandel, c/o owners, engr.

Md., Baltimore—Nov. 18, by Bd. Awards, 36,100 ft. 6- to 24-in. vitr. terra cotta sewers, listed in Material Contr. 56, for Bureau of Sewers. M. J. Ruark, 311 Courtland St., sewerage engr.

N. C., West Hickory (Sta. Hickory)—See "Waterworks."

N. C., Saluda—See "Streets and Roads."

Miss., Gulfport—See "Streets and Roads."

O., Cleveland — Nov. 18, by City, Big Creek Intercepting Sewer (Sect. 1), from West 38th to West 50th Sts., Rocky River Dr. (2 sections) and West 37th St. To exceed $50,000. R. Hoffman, City Hall, engr.

Mich., Detroit—Nov. 16, by Dept. Pub. Wks., monolithic concrete or brick sewers in 2,542 ft. Bedford Rd. Sewer, in Whittier Ave. from Somerset to Whitehill Aves.; 1,949 ft. Southampton Avenue Arm East, Bedford Rd. Sewer, in Southampton Ave. from Bedford to Kensington Aves.; 4,583 ft. Schoenherr Rd. Arm Ashland Ave. Sewer, in Seven Mile and Schoenherr Rds.; 2,635 ft. Lyndon Ave. Arm, in Lyndon Ave. between Cheyenne and Birwood Aves.; 2,671 ft. Six Mile Rd. Sewer, Sect. 10, in Six Mile Rd. from Wyoming Ave. to Myers Rd.; 2,653 ft. Houston Ave. Arm W. Ashland Ave. Sewer in Houston Ave. from Haynes to Chalmers Aves.; 1,427 ft. Seven Mile Rd. Sewer, Ashland Ave. Sewer, in Seven Mile Rd. from Chalmers to MacCrary Aves.; 2,090 ft. State Fair Ave. Arm, Gallagher Ave. Sewer in State Fair Ave. from Gallagher Ave. to Ryan Rd.; 1,753 ft. Gallagher Ave. Arm, Seven Mile Rd. Sewer, in Gallagher Ave. from State Fair to Winchester Aves.; 2,456 ft. Winchester Ave. Arm, Gallagher Ave. Sewer, in Winchester Ave. from Gallagher Ave. to Ryan Rd. and from Gallagher to Mitchell Aves. P. A. Fellows, city engr. Noted Sept. 24, Oct. 1 and 8.

Wis., Milwaukee—Nov. 16, by Dept. Pub. Wks., sewer and water connections in 12 streets. $26,000. R. E. Stoelting, comr. Pub. Wks.

SEWERS—TAYLORVILLE, ILL.

Following are lowest three bids opened by Bd. Trustees Taylor Sanitary District, Sept. 17, for outfall sewers and sewage treatment plant, (A) Gjellefald-Chapman Construction Co., Forest City, Ia., (awarded contract); (B) Craig Construction Co. 1431 41st St., Des Moines, Ia.; (C) C. M. Haynes, Jerseyville, Ill. The unit bids are as follows:

			A		B		C
1,450 lin.ft. 72-in. sewer pipe	A. monolithic	C	$17 00	A	$20 00	B	$22 00
				B	17 00	C	20 00
				C	17 00		
1,300 lin.ft. 54-in. sewer pipe	B concrete pipe	C	11 00	A	15 00	B	17 00
	C segment block			B	13 50	C	15 00
				C	13 50		
8,380 lin.ft. 18-in. vitrified pipe sewer			2 25		1 85		1 90
36 lin.ft. 18-in. cast iron pipe sewer			6 00		6 00		10 00
55 ft. of depth, standard manholes on 72-in. sewer		A	10 00	A	8 00	A	8 00
		B	10 00	B	7 00	B	7 00
15 ft. of depth, standard manholes on 54-in. sewer	A concrete	A	10 00	A	8 00	A	8 00
	B brick	B	8 00	B	7 00	B	8 00
150 ft. of depth, standard manholes on 18-in. sewer		A	6 00	A	8 00	A	
		B	6 00	B	6 00	B	7 00
1 drop manhole			30 00		80 00		12 00
4 standard manhole frames and covers, A			20 00		17 00		30 00
27 standard manhole frames and covers, B			14 00		12 50		18 00
Panther Creek Crossing (lump sum)			1,366 00		700 00		1,500 00
Headwall, A (lump sum)			300 00		450 00		600 00
Headwall, B (lump sum)			125 00		125 00		120 00
Diversion Chamber, (lump sum)			206 00		500 00		500 00
Grit chamber (lump sum)			1,072 00		1,020 00		1,200 00
Imhoff tank (lump sum)			23,036 00		25,000 00		14,700 00
Sludge bed (lump sum)			2,572 00		2,800 00		2,700 00
25 cu.yd. additional excavation			4 00		1 00		2 50
25 cu.yd. additional concrete, class B			25 00		20 00		20 00
Fencing (lump sum)			50 per ft.		840 00		3,600 00
Extended totals			$90,381		$91,755		$92,438

Wis., Milwaukee—Nov. 17, by Dept. Pub. Wks., vitr. and rein.-con. sewers in 12 streets. $55,000. J. Schwada, city engr.

Ia., Waterloo—Nov. 16, by City Clerk, 1,534 lin.ft. 8 in. and 1,602 lin.ft. 10 in. sewer pipe. R. B. Slippy, city engr

Tex., Jacksonville—Taking bids sewerage treatment and disposal plant. $65,000. L. Fugate, City Hall, Houston, engr.

Okla., Billings—Nov. 17, by F. F. Daniel, city clk., sewage disposal plant, and 25,069 ft. 8- to 12-in. sewers, etc. in all streets. $36,000. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.

BIDS RECEIVED

Md., Baltimore — Bd. Awards, Nov. 4, storm drains and sanitary sewers listed in Contr. 224, from P. Marocco, 638 South Linwood Ave., $123,991. Noted Oct. 29.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Nov. 4, main sewer in 43rd St. at Spruce St., from J. J. McHugh, 1617 Race St., $21,850; and heating equipment in connection with Southwest Sewage Pumping Station, Penrose Ferry and Tinicum Island Rds., from Bulman Bros., 2501 North 5th St., $4,326.

O., Cleveland—A. K. Hoare, comr. Purchases & Supplies, Oct. 28, Sanitary Sewage Treatment Works, incl. intercepting sewers from Schirmer-O'Hara Co., 1710 Euclid Ave., monolithic concrete (unofficial) $3,040,078, brick arch (unofficial) $3,069,278, excluding intercepting sewers, from M. Penker & Sons, 123 Velincia St., Cincinnati, (unofficial) $2,859,113; intercepting sewers, monolithic concrete, from Graham & Henderson Co., Cleveland, (unofficial) $220,695, brick arch, from W. P. Gibbons Constr. Co., Cleveland, (unofficial) $221,858. Noted Oct. 1.

Wis., Milwaukee—Dept. Pub. Wks., Nov. 3, from J. Brogan & Sons, 211 Grand Ave., vitr. or concrete storm or sanitary sewers in Atkinson Ave. between 21st and 22nd Sts. $895, from H. O. Schaefer & Sons, 1149 East Mason St., Green Bay, Grand Ave. between 52nd and 53rd Sts. $1,886, and Lisbon Ave. between 51st and 60th Sts. $15,499; from W. T. Werner, 675 Hi-Mount Blvd., 8- to 21-in. vitr. or concrete sewers in Chambers St. $1,761, Clark St. between 52nd and 59th Sts. $2,012, and 55th St. between Wright and Burleigh Sts. $12,744; from P. & L. Co., 1107 Humboldt Ave., vitr. or concrete combination sewer in Center St. between 51st and 52nd Sts. $309; and from Clayton Constr. Co., 929 Hackett Ave., 42 and 48 in. monolithic concrete, 24- to 36-in. rein.-con. and vitr. or concrete sewers in Burleigh St. between 52nd and 60th Sts. $34,419.

CONTRACTS AWARDED

N. Y., Glen Cove—City Clerk, sewer extensions in various streets, Contr. 1, to Underhill & Son, Glen Cove, $100,696; Imhoff tanks, chlorine building, etc., Contr. 2, to Merritt, Chapman & Scott, 17 Battery Pl., New York City, $71,860; pumping station, Contr. 3, to F. M. Lewis & Sons, Bloomfield, N. J., $82,830. Grand total $255,386. Noted Oct. 29.

Mich., Detroit — To Detroit Drainage Constr. Co., 5099 LaMay Ave., 9,469 ft. 12- to 24-in. vitr. Lateral 4469, $44,455; to S. Fattore, 2201 St. Joseph Ave., 858 ft. 18- to 24-in. Lateral 4493, $4,355; to

Sewers (Continued)

Waterway Constr. Co., Detroit, 855 ft. 18- to 24-in. Lateral 4494 $4,293, 6,218 ft. 12- to 20-in. Lateral 4510 $16,989; and 2,048 ft. Lateral 4511 $8,617; to Michigan Constr. Co., Detroit, 2,842 ft. 12- to 15-in. Lateral 4498 $7,876; to J. Brogan & Sons, Detroit, 5,711 ft. 12- to 24-in. Lateral 4499, $33,123; to J. Leo, 1762 Puritan Ave., 1,486 ft. 12- to 20-in. Lateral 4500 $5,925, and 414 ft. 12 in. Lateral 4512 $1,325; to Louwers & Sommerville, 8014 Grand River Ave., 823 ft. 12- to 15-in. Lateral 4509, $2,230. Grand total $129,188.

Ill., Venice—Sanitary sewerage system and pumping station equipped with 17,000 and one 19,000 g.p.m. capacity motor driven pumps, to Moore Bros. Constr. Co., 925 North 8th St., East St. Louis. Engrs. est. $210,000. Noted July 9.

Wis., Milwaukee—Metropolitan Sewerage Comn., 508 Market St., J. H. Fowles, secy., two 600 gal. ejector pots for booster station, Fairmont Ave., to Yeomans Bros. Co., 1433 Dayton Ave., Chicago, Ill., $10,830. Noted Oct. 29.

Tex., Archer City — Complete sewerage system, to Douglas & Mitchell, Ward Bldg., Wichita Falls, approximately $25,000.

Okla., Tulsa — Extending 6,685 ft. vitr. clay sanitary sewers in 18th St., City View Addition and Fair Acres Addition, to E. G. Fike, Nebraska Bldg., $15,648. Engrs. est. $29,143. Noted May 28.

Waste Disposal

PROPOSED WORK

N. J., Deal—Boro plans incinerator plant. $35,000. A. J. Bach, mayor. Engineer not selected.

Tenn., Nashville—Election Dec. 17, $200,000 bonds, garbage disposal plant, etc. H. E. Howse, mayor.

Tex., Ft. Worth—Election Nov. 24, $71,000 bonds, new incinerator plant. D. L. Lewis, city engr.

Okla., Tulsa — Plans election $109,000 bonds, incinerator, on Elwood Ave.; and $75,000 bonds, incinerator plant, on East 11th St. C. Schultz, city engr.

Bridges

PROPOSED WORK

Conn., Manchester — Making plans new rein.-con. bridges on Spring and Gardner Sts.; also widening bridge, 15 ft. at North Main St. To exceed $25,000. Address Town Engineers.

N. J., Belvidere—See "Buildings—Industrial."

Pennsylvania—Lancaster Co. (Lancaster) and York Co. (York) voted each $1,500,000 bonds for Inter County Bridge over Susquehanna River on Lincoln Highway.

North Carolina—State Hy. Comn., Raleigh, plans rein.-con. bridges and culverts on Project 203, Carteret Co., $500,000; on Project 664, Richmond Co., $45,000; on Project 755, Stokes Co., $50,000; and on Project 348, Cumberland Co., $26,000. C. M. Upham, highway engr.

Fla., Clearwater — Pinellas Co. election Nov. 13, $50,000 bonds for Bridge 2, Blind Pass; $90,000 bonds, Bridge 3, John's Pass; and $150,000 bonds, Bridge 1, Boca Ciega. K. B. O'Quinn, Clearwater, clk.

Tenn., Nashville—Election Dec. 17, $200,000 bonds, strengthening and repairing Woodland St. and Sparkman St. Bridges; and $400,000 for viaduct at Demonbreun St. W. W. Southgate, city engr.

Mich., Port Huron — Chicago, Detroit & Canada Grand Trunk R.R. Co., subsidiary Canadian Natl. Rys., New Union Station, Toronto, plans 80 ft. span bridge with approaches over Black River, at Junction R.R., here. $250,000. C. B. Brown, Quebec, Que., ch. engr.

Minn., Little Falls—Making plans new steel and concrete bridge over Mississippi River, at north end of city. $45,000. A. Johnson, city clk.

Minn., Minneapolis—Making plans rein.-con. bridge over railroad tracks between Dean and Cedar Lake Blvds. $104,280.

Kan., Concordia — See "Streets and Roads."

Kan., Mankato — See "Streets and Roads."

Kan., Marion—Marion Co. making preliminary plans 120 ft. steel truss bridge on concrete piers and abutments, with 20 ft. roadway on Cottonwood Rd. C. M. Hartsock, Court House, engr.

Kan., Seneca—Nemaha Co. plans Bridge 1, two 20 ft. I-beam and one 60 ft. truss spans with 20 ft. roadway; also Bridge 2, two 20 ft. I-beam and one 60 ft. truss spans with 20 ft. roadway, both over Nemaha River, on Federal Aid Project 225-C. E. C. L. Wagner, 609 Kemper Bldg., Kansas City, Mo., engr.

Neb., Gibbon — Buffalo Co., c/o County clerk, Kearney, plans long bridge with long approaches over Platte River, here. R. L. Cochran, Lincoln, highway engr.

Tex., Anderson—See "Streets and Roads."

Tex., Brownsville — See "Streets and Roads."

Tex., Cuero—See "Streets and Roads."

Tex., Ft. Worth—Election soon $70,000 bonds new bridges. D. L. Lewis, city engr.

Tex., Ft. Worth—Tarrant Co. plans new bridge between here and Arlington Heights (mail Ft. Worth). $160,000. D. A. Davis, Fort Worth, co. engr.

Tex., Jourdanton — See "Streets and Roads."

Tex., Kaufman—See "Streets and Roads."

Tex., San Antonio—Making preliminary plans steel and concrete bridge across San Antonio River, on Villita St. $30,000 or more. I. Ewig, City Hall, city engr.

Okla., Lawton — Comanche Co. takes bids about Nov. 25, Bridge 31 Mile 10, Sect. 53, 80 ft. low truss steel span with one 30 ft. and one 40 ft. approach spans, tube, piers and concrete abutments; Bridge 30, Mile 3, Sect. 53, 30 ft. I-beam and concrete abutments; Bridge 53, Mile 7, Sect. 56, 32 ft. I-beam span, concrete abutments; Bridge 26, Sects. 12 and 13, I-beam span; Bridge 25, Sects. 12 and 13, 26 ft. I-beam span with concrete abutments, all 16 ft. wide.

Calif., Red Bluff — City plans election $9,000 bonds towards construction bridge over Reeds Creek, south of here. Total cost $36,000. Tehama Co. and State Hy. Comn. to appropriate toward cost. Noted June 11.

Ont., Toronto — Making plans repairing North Glen Road Bridge, $25,000, or constructing new rein.-con. and steel bridge, $600,000. R. C. Harris, city engr. Noted April 23.

BIDS DESIRED

New Jersey — Nov. 30, by State Hy. Comn., Trenton, rein.-con. and timber, single leaf trunnion bascule bridge, etc. over Tuckahoe River, M.P. 29.5, on Route 14, Atlantic and Cape May Counties. A. L. Grover, secy.; adv. E. N.-R. Nov. 12.

New Jersey and Pennsylvania—Nov. 30, by Joint Comn. for Elimination of Toll Bridges over Delaware River between New Jersey and Pennsylvania, Trenton, N. J., new steel superstructure on existing piers of bridge across Delaware River, between Centre Bridge, Bucks Co., Pa., and Borough of Stockton, Hunterdon Co., N. J. L. Focht, State Office Bldg., Trenton, supt. and engr.; adv. E. N.-R. Nov. 12.

N. J., Jersey City—Nov. 24, by State Hy. Comn., Trenton, steel viaduct, etc., 1st section of highway, known as Route 1 Extension, between Jersey and Palisade Aves., here. Former bids rejected. A. L. Grover, secy.; adv. E. N.-R. Nov. 12. Noted Oct. 15.

Virginia — Nov. 24, by State Hy. Comn., Richmond, one 38 ft. 10 in. concrete beam span bridge over Ny River, Route 31, Project F-372-D, Spotsylvania Co.; adv. E. N.-R. Nov. 12.

Fla., Jacksonville—Nov. 20, by F. Brown, clk., Duval Co., County Court House, 4 additional new concrete highway spans to McGirts Creek Bridge, over McGirts Creek, on Orange Park Rd. 5. T. B. Carrick, Jacksonville, co. bridge engr.; adv. E. N.-R. Nov. 12.

Tenn., Smithville—Dec. 12, by De Kalb Co. Court, 2 steel and concrete bridges over Caney Fork River. $105,000.

Michigan—Nov. 24, by State Hy. Comn. at office Comrs. Shiawassee Co., Corunna, Bridge File 761,306, two 50 ft. and one 75 ft. spans. G. C. Dillman, Lansing, highway engr.

Ill., Chicago—Nov. 27, by City, Room 406 City Hall, superstructure for double leaf trunnion bascule bridge over south branch Chicago River, at West Adams St. A. A. Sprague, comr. Pub. Wks. Noted Aug. 20.

Wisconsin—Nov. 24, by State Hy. Comn., at Office 2, Stephenson Bldg., Milwaukee, Atwater Bridge, concrete or steel, on Wisconsin Federal Aid Project 349-B. Milwaukee Co. J. T. Donaghey, Madison, highway engr.; adv. E. N.-R. Nov. 12.

Kan., Ottawa—Taking bids 3 span, 225 ft concrete, continuous deck girder bridge, 61 ft., with concrete piers and abutments over Marais des Cygnes River, on Main St. $100,000 available. Harrington, Howard & Ash, 1012 Baltimore Ave., Kansas City, Mo., engrs.

Kan., Paola—See "Streets and Roads."

Kan., Stockton—Dec. 3, by Clerk Rooks Co., six 40 ft. and one 140 ft. concrete and steel bridge on Federal Aid Project 259-B. J. A. Bodine, Stockton, co. engr. Noted May 28.

Kan., Winfield—Nov. 25, by Clerk Cowley Co., four 140 ft. span through arch concrete bridge with 20 ft. roadway, on Federal Aid Project 231-B. W. S. Ruggles, jr., Winfield, engr.

Tex., Fort Worth — See "Streets and Roads."

Tex., Houston—Nov. 23, by O. F. Holcomb, mayor, and Auditor Harris Co., rein.-con. bridge over Brays Bayou, at Lawndale Ave. $60,000. J. C. McVey, city engr. Noted July 30.

BIDS RECEIVED

Missouri—State Hy. Dept., Jefferson City, Oct. 30, from C. M. Green, Lowell, Ark., five 90 ft. rein.-con. arch spans, spandrel filled, etc., over Middle Fork Black River, Reynolds Co. $41,299; from E. Euler, Maysville, one 24 ft. rein.-con. slab span, etc., over Breton Creek, Washington Co. $2,200, from F. T. O'Dell, Hannibal, two 8 ft. rein.-con. slab spans, etc., over stream, $1,346, and two 12 ft. rein.-con. slab spans, etc., over stream, $3,154, both Clark Co.; from R. F. Dorflinger, Blackwater, three 12 ft. rein.-con. slab spans, etc., over Big Augloize Creek, Laclede Co., $2,265; from Richmond Constr. Co., Advance, one 16 ft. and two 14 ft. rein.-con. slab spans, etc., over Rogdons Slough, Dunklin Co., $4,888; from G .E. Stoner, Charleston, one 18 ft., two 16 ft., two 24 ft. and two 20 ft. rein.-con. slabs, etc., over drainage ditch, Dunklin Co., $11,540; from Humphreys & Stebbins, Fredericktown, two 10 ft. rein.-con. slab spans, etc., over stream, Madison Co. $2,171, one 35 ft. rein.-con. deck girder spans, etc., over Breton Creek, Washington Co. $2,644, and two 40 ft. rein.-con. deck girder spans, etc., over Reed Creek, Iron Co., $5,523; from Summerfield Jones Co., Billings, three 18 ft. rein.-con. slab spans, etc., over drainage ditch, Butler Co. $5,925, three 25 ft. concrete deck girder spans, etc., over D. D. 21, Butler Co. $6,828, and one 40 ft. rein.-con. deck girder spans, etc., over Arthur Creek, Texas Co. $4,697; from A. A. Davis & Co., Kansas City, Mo., three 20 ft. rein.-con. slab spans, etc., over drainage ditch, $5,868, three 24 ft. rein.-con. slab spans, etc., over D. D. 25, $6,661, and one 40 ft. and two 30 ft. rein.-con. deck girder spans, etc., over D. D. 16, $8,791, all foregoing in Butler Co.; from Carter-Harlin Constr. Co., West Plains, 45 ft. rein.-con. deck girder span, etc., over Holt Creek, Dent Co., $6,355; from Finley Constr. Co., Nebraska City, Neb., one 45 ft. rein.-con. deck girder and four 16 ft. rein.-con. slab spans, etc., over Chicago & Alton R.R. tracks, Howard Co., $9,339; from W. P. McGeorge & Co., Pine Bluff, Ark., one 120 ft. steel truss and thirty 40 ft. rein.-con. deck girder spans, etc., over Black River, Butler Co., $117,187; from Cameron Joyce Co., Keokuk, Ia., one 80 ft. steel truss and four 40 ft. rein.-con. deck girder spans, etc., over Honey Creek, Clark Co., $19,108; from C. P. O'Reilly & Co., Wainwright Bldg., St. Louis, two 20 ft. rein.-con. slab spans, etc., over Big Creek, $3,455, three 20 ft. rein.-con. slab spans, etc., over Doe Run, $4,018, and three 35 ft. rein.-con. deck girder spans, etc., over Buck Run, $8,091, all foregoing in Clark Co., one 80 ft. steel truss and seven 20 ft. rein.-con. slab spans, etc., over Cedar Creek $13,722, also three 80 ft. steel truss and three 40 ft. rein.-con. deck girder spans, etc., over Big River, $28,013, both in Washington Co.; from Parkham Constr. Co., East St. Louis, Ill., five 80 ft. steel truss spans, etc., over Middle Fork Black River, Reynolds Co., $35,244; from Pittsburgh Des Moines Steel Co., Tuttle and South West 10th Sts., Des Moines, Ia., three 20 ft. rein.-con. slab spans, etc., over White-Comb Creek, Lincoln Co., $4,820, thirteen 20 ft. I-beam spans, etc., over overflow Black River, Butler Co., $11,894, thirty-one 20 ft. I-beam spans, etc., over St. Francois River, Dunklin Co., $24,729; and from R. L. Williams, Charleston, three 24 ft. I-beam spans, etc., over D. D. 23, Mississippi Co., $5,978. Noted Oct. 22.

Tex., Albany—See "Streets and Roads."

CONTRACTS AWARDED

New Jersey—Union Co. (Elizabeth), concrete and steel bridge on Kenilworth Blvd., between Kenilworth and Cranford, to Anderson & Wheeler, 1571 Richmond Terrace, Port Richmond, N. Y., $26,640.

North Carolina — State Hy. Dept., Raleigh, rein.-con. bridges and culverts on Project 394, Robeson Co., to Conrad Constr. Co., Florence, $83,452; on Project 753-B, Stokes Co., to Kesler Constr. Co., Winston-Salem, $31,455. Noted Oct. 29.

Ohio—Dept. Hys. & Pub. Wks., Columbus, widening bridges on Sects. E and F, Aurora-Warren Rd., Portage Co., to H. A. Akers, Ravenna, $5,838; concrete arch bridge Sect. "Bellville Bridge," Fremont-Tiffin Rd., Sandusky Co., to Miller-Taylor, Dayton, $49,347.

Ohio — Dept. Highways & Pub. Works, Columbus, concrete girder bridge on Sect. "G" Painesville Rd., Lake Co., to H. W. Baldwin, Willoughby, $5,322; bridge and

Bridges (Continued)

culverts Sect. "J" McConnelsville-Athens Rd., Morgan Co., to Brillhart & Wright, Warsaw, $38,748. Noted Oct. 8.

Illinois — Dept., Pub. Wks. & Buildings, Div. Highways, Springfield, bridge on Route 18, Sect. 12-V, Kendall Co., to Ferguson Constr. Co., 1033 North 2nd St., Rockford, $20,170; bridge on Route 14, Sect. 11-B, White Co., to Dees Bros., Oblong, $22,248; and bridge on Route 1 Sect. 42-B, Saline Co., to W. H. Shons Co., 11 South Liberty St., Freeport, $21,458. Grand total $63,876. Noted Nov. 5.

Mo., Wentzville — St. Charles Co. (St. Charles) 75 ft .steel bridge, 18 ft. over Perique Creek, near here, to St. Louis Constr. Co., Frisco Bldg., St. Louis. Engrs. est. $79,000.

Kan., Emporia — C. G. Whitaker, clk. Lyon Co., two 140 ft. marsh arch span bridges about 1-2 mi. from Hartford, and grading 0.469 mi. Federal Aid Project 224-B, to C. A. Clark, 737 North Topeka Ave., Wichita, $41,046. Noted Oct. 29.

Tex., Jourdanton — See "Streets and Roads."

Okla., Cordell—Washita Co., 13 concrete and steel bridges in Dists. 1 and 2, to Mann Constr. Co., Cotton Exch. Bldg., Oklahoma City, $32,000.

Colorado—See "Streets and Roads."

Ore., Portland—O. Laugaard, city engr., bridge over Vista Ave., to Parker & Banfield, 62 East 3rd St. $174,873. Engrs. est. $181,052. Noted Oct. 29.

Dam

PROPOSED WORK

Nev., Lovelock — Lovelock Water Users Assn., made alternative estimates earth fill dam (at various proposed sites on Humboldt River), providing for additional water storage, Callahan Dam, above here at Callahan ranch, 40 ft. high, 790 ft. long with 50,600 acre-ft. capacity, $507,000; Oreana Dam, above here, 100 ft. high, 1,585 ft. long with 275,000 acre ft. capacity $1,228,000; Oreana Dam 2, above here, 80 ft. high, 1,156 ft. long to irrigate 29,000 acres, etc., $693,000. King & Malone, Cheney Bldg., Reno, engrs.

Railways

PROPOSED WORK

Illinois—Litchfield & Madison R.R. Co., Edwardsville, W. A. Richardson, ch. engr., making preliminary plans 1.05 mi. standard gauge railroad from point 2.69 mi. southeast of Staunton to Illinois Traction System. In conjunction with the above the Chicago & Northwestern R.R. Co., Jackson and Franklin Sts., Chicago, W. J. Towne, ch. engr., will build 2.51 mi. track from point 5.5 mi. south of Benld to connect with above track.

Minnesota — See "Unclassified under Minneapolis."

Texas—Fort Worth & Denver City R.R., Ft. Worth, F. E. Clarity, pres. and genl. mgr., making surveys extending lines between Estelline through Plainview to Dimmit and from Lubbock to Silverton in West Texas. $200,000. R. C. Gowdy, 2271 Clermont St., Denver, Colo., ch. engr.

Excavation, Drainage, Irrigation, Levees River and Harbor

PROPOSED WORK

Ga., Brunswick—See "Unclassified."

Ark., Hughes — School D. D., W. Anderson, secy., making preliminary plans drainage canals, etc., incl. 250,000 cu.yd. suitable for dragline. Morgan Eng. Co., 630 Goodwin Institute Bldg., Memphis, Tenn., engrs.

Nev., Lovelock—See "Dams."

Calif., Carmichael—Carmichael Irrigation Dist. plans election approximately $30,000 bonds, 8 mi. pipe line, probably riveted steel 6- to 14-in. diam., 3 transformers, 75 KVA.

Calif., San Francisco—See "Streets and Roads."

Tex., Cotulla—La Salle Co. election Nov. 30, $7,331,000 bonds irrigating 40,000 acres or more. Nagle, Witt & Rollins, Houston and Cotulla, engrs. Noted Aug. 27.

Tex., Freeport—Brazoria Co. (Angleton) election soon $1,000,000 bonds constructing harbor at mouth of Brazos River, here. Engineer not selected.

BIDS DESIRED

N. J., Seagirt—Nov. 17, by Boro Council, 2 timber jetties, on ocean front between Trenton and Phila. Blvds. $18,000. C. R. Moore, Asbury Park Trust Bldg., Asbury Park, engr. Noted Oct. 15.

Minn., Worthington—Nov. 23, by C. J. Kall, aud. Nobles Co., constructing 22,900 ft. open Judicial Ditch 9, approximately 179,295 cu.yd. excav., 146,800 ft. 6- to 48-in. drain tile, 13 bulkheads, automatic gates, etc., here, for Nobles Co. (Worthington) and Jackson Co. (Jackson). $108,205.

CONTRACTS AWARDED

Tex., Corpus Christi—Nueces Co. Navigation Dist. 1, rough rock breakwater in new ship channel (now under construction), to J. DePuy, c/o Builders Exch. Bldg., San Antonio, $100,000.

B. C., Escuminac—Dept. Pub. Wks., Ottawa, Ont., section of stone filled and creosoted lumber breakwater, on the Miramichi River, here, to Burpee Constr. Co., Devon, N. B., $57,500. Noted Sept. 3.

B. C., New Westminster — Dominion Government, Ottawa, Ont., 1,300 ft. training jetty at mouth of Fraser River, off Point Grey, here, to Vancouver Pile Driving & Contg. Co., 207 Hastings St. W., Vancouver, B. C., $35,000.

Streets and Roads

PROPOSED WORK

Mass., Brighton (Boston P. O.)—Street Layingout Dept., Boston, plans constructing Cygnet and Litchfield Sts. as highways, here. $25,000. J. F. Sullivan, Secy.

R. I., Providence — Plans constructing Highland Ave. as highway. $25,000. H. A. Barker, chn. City Planning Comn.

Conn., Hartford—Plans widening Asylum St. under New York, New Haven & Hartford R.R. tracks, east to Ford St. $25,000 appropriated. R. N. Clark, Municipal Bldg., engr.

New Jersey—State Hy. Comn., Trenton, and Hudson Co. (Jersey City), plan paving Hackensack Plank Rd. from Hudson Blvd., to Bergen Co. line $600,000. W. G. Sloan, Trenton, highway engr.

N. J., Hopewell — Mercer Co. (Trenton) plans rebuilding Stoutsburg Rd., here. $35,000. H. F. Harris, Trenton, engr.

N. J, Newton—Sussex Co. plans improving 3½ mi. Newton-Sparta Rd. $28,000. State and Township to share cost. H. W. Snook, Newton, engr.

North Carolina—State Hy. Dept., Raleigh, plans grading and concrete or asphaltic paving 6.75 mi. Project 476, Wake Co. $210,000, 11.51 mi. Project 5230, Davidson Co. $322,000, 4.46 mi. Project 597, Rockingham Co. $125,000, 9.065 mi. Project 605, Alexander Co. $275,000, 6.826 mi. Project 985, Swain Co. $185,000, 12 mi. Project 664, Richmond Co. $395,000, and 12.4 mi. Project 955, Jackson Co. $320,000; grading and gravel on broken stone surfacing 5.8 mi. Project 772, Watauga Co. $48,000 and 6.856 mi. Project 715, Ashe Co. $52,000; clearing, grubbing and grading 7.8 mi. Project 348, $32,000, also clearing, grading and small rein.-con. structures on Project 346, $38,000, both in Cumberland Co. C. M. Upham, highway engr.

Ga., Augusta — Richmond Co. election Nov. 19, $750,000 bonds, improving various roads. G. Clausen, chn. Bond Com.

Ga., Hartwell—Hart Co. voted $200,000 bonds hardsurfacing various roads.

Ga., Thomasville—Voted $45,000 bonds, improving various streets.

Fla., Clearwater — Pinellas Co., election Nov. 13, $955,540 bonds constructing Roads 1 to 5 (inclusive). K. B. O'Quinn, Clearwater, clk.

Fla., Lake Butler—Union Co. voted $360,000 bonds, constructing various roads and surfacing Rd. 28.

Fla., Tampa — Hillsborough Co. voted $75,000 bonds paving 22 streets in Special Road and Bridge District. W. A. Dickenson, clk.

Mississippi—Lafayette Co. (Oxford) and Pontotoc Co. (Pontotoc) making preliminary plans grading, graveling, etc. 27 mi. Federal Aid Project 51, 18 ft. $400,000. H. C. Dietzer, Jackson, engr.

La., Baton Rouge — East Baton Rouge Parish, voted $75,000 bonds, graveling various roads. Noted Oct. 15.

La., Mandeville — Voted $25,000 bonds, paving various streets, and $20,000 bonds, for beach improvements and $10,000 bonds, for harbor improvements.

Tennessee—State Dept. Higsways & Pub. Wks., Nashville, takes bids about Nov. 27, grading, etc., 18 mi. Spivey Creek-North Carolina State Line Rd., Unicoi Co.; 4 mi. Bluff City-Elizabethton Rd., Sullivan Co.; and 4 mi. road from Federal Aid Project 16 to Round Pond, Montgomery Co. J. G. Creveling, highway engr.

Tennessee — State Dept. Highways & Pub. Wks., Nashville, takes bids about Nov. 28, grading 2 mi. Parksville-Ocoee River Rd., Polk Co. U. S. Forestry Dept. and Tennessee Power Co. will appropriate toward cost. C. N. Bass, Nashville, acting comr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, soon takes bids grading, etc., 10 mi. Clinton-Coal Creek Rd., Anderson Co., and 8 mi. Jackson-Huntingdon Rd., Madison Co.; also grading and surfacing, probably cement 12.5 mi. Columbia-Giles Co. line Rd., Maury Co. C. N. Bass, acting comr.

Tennessee — State Dept. Highways & Pub. Wks., Nashville, takes bids about Dec. 10, grading, etc., 8 mi. Cleveland-Hiawassee River Rd., Bradley Co., and 20 mi. Dover-Oakland Rd., Stewart Co. C. N. Bass, acting comr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, takes bids about Dec. 10, paving, probably cement concrete 7 mi. Brighton-Covington Rd., and 10 mi. Brighton-Shelby Co. line Rd., both (Jeff Davis Highway) Tipton Co. C. N. Bass, Nashville, acting comr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys improving 8 mi. Pulaski-Lawrence Co. line Rd., Giles Co., and 10 mi. Nashville-Franklin Rd., Williamson Co. C. N. Bass, acting comr.

Tenn., Nashville — Election Dec. 17, $1,500,000 bonds, widening and paving various streets. W. W. Southgate, city engr.

Kentucky—State Hy. Dept., Frankfort, plans grading 8 mi. Greenup-Lewis Co. line Rd., Greenup Co., and 5 mi. Buffalo-Greensburg Rd., Larue Co. E. N. Todd, highway engr.

Ohio—Dept. Hys. & Pub. Wks., Columbus, rejected bids Oct. 23 constructing drainage structures on Sects. "A-2" and "E-1," Caldwell-Barnesville Rd., Noble Co. Noted Oct. 15.

O., Akron—Bd. Pub. Serv., W. F. Peters, dir., takes bids in spring, grading, curbing, vitr. paving, etc., 3,500 sq.yd. Ruby Ave. $30,350. E. A. Kemmler, Delaware Bldg., engr.

O., Canton—Stark Co. plans brick paving 1 mi. Harrison Ave. extension, 16 ft. $30,000. A. M. Wise, Court House, engr.

Ind., Anderson—Making plans concrete paving 2½ mi. West 22nd St. and Rocky Ave., 22 ft., $78,322; 1⅞ mi. Prospect and 22nd Sts., 24 ft., $52,070; 1½ mi. Noble St. from 14th to 19th Sts., 30 ft., $41,178. M. H. Downey, City Hall, engr.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, rejected bids Oct. 23, paving Route 32, Sect. 2-X, Moultrie Co., and Route 19, Sect. 86-W, Cook Co. F. T. Sheets, ch. engr. Noted Oct. 15.

Ill., Cairo — Making preliminary plans curbing, guttering, sewers, and 1 in. compact rock asphalt on 6 in. Novaculite gravel surfacing 38,000 sq.yd. Paving Dist. 4. $112,000. G. F. Dewey, City Hall, engr.

Wisconsin — State Hy. Dept., Madison, alloted $1,377,169 constructing county trunk highways; $4,587,181 for State and Federal Aid construction of state trunk highways; and $3,863,883 for state trunk highway maintenance during 1926 in various counties.

Ia., Battle Creek — Plans paving about 20,000 sq.yd. various streets. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Ia., Des Moines—Rejected bids paving 7,840 sq.yd. Crocker St. Will readvertise. Noted Oct. 15.

Minn., St. Paul—See "Unclassified."

Minn., Minneapolis—See "Unclassified."

Kan., Concordia—Cloud Co. takes bids in November improving 6 mi. Federal Aid Project 185-B, 57,000 cu.yd. earth and 3,000 cu.yd. rock excav., 6,000 ft. cable guard fence, 66,000 lb. reinforcing, etc., also one 16 ft. and one 12 ft. concrete slab span bridges, each 24 ft. wide. $60,000. L. T. Dudley, Court House, engr.

Kan., Kansas City—Plans widening 43rd to 54th Sts. from state line to Mission Rd. $50,000. R. L. McAlpine, Kansas City, engr.

Kan., Kansas City — Wyandotte Co. made plans concrete or rock asphalt surfacing 6.968 mi. Golden Belt Rd., Federal Aid Project 321-A and B, 18 ft. O. K. Williamson, Kansas City, co. engr.

Kan., Mankato—Jewell Co. making preliminary plans grading 6.87 mi. 28 ft., also one 40 ft. span rein.-con. girder and one 25 ft. I-beam bridge, both 22 ft. on Federal Aid Project 192-A, B and C. V. B. Firedenhagen, Court House, engr.

Kan., Winfield — Cowley Co. making preliminary plans grading and concrete or brick paving 5.402 mi. Federal Aid Project

Streets and Roads (Continued)

231-D and F, 18 ft. W. S. Ruggles, Jr., Winfield, engr.

Neb., Gibbon—See "Bridges."

Mo., St. Louis — Making preliminary plans grading and concrete or brick paving alleys in City Blocks 1501, 1537, 2690, 2807, 2955, 3603, 4146, 5613, 5767 and 5842. $31,-347-$50,200. W. W. Horner, city engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, made plans asphalt,, amiesite, Warrenite, concrete, asphaltic concrete or brick paving Market St. between 3rd and 4th Sts., $98,000; Chestnut St. between 3rd and 4th Sts., $10,000; Locust St. between 3rd and 4th Sts., $6,300; Vine St. between 3rd and 4th Sts., $5,250; St. Charles St. between 3rd and 4th Sts., $12,600; Lucas St. between 4th and 11th Sts., $40,900; 4th St., $46,000; Columbia St. between Southwest and Edward Sts., $69,000; Columbia St. between Clifton St. and Clifton Heights, $8,100; Goodfellow St. between Maple and Page Sts., $31,000; Goodfellow St. between Page and Easton Sts., $29,000; and Goodfellow St. between Easton and North Market Sts., $13,900. W. W. Horner, 300 City Hall, engr.

Mo., University (Ind. br. St. Louis)—City Clerk rejected bids Oct. 21, rein.-con. paving Kingsland Ave. between Olive St. and Clemens Ave. Will readvertise. W. A. Heimbuecher, City Hall, engr.

Arkansas — State Hy. Dept., Little Rock, takes bids latter part November, gravel surfacing, etc. 21.5 mi. McGehee East and West Highway, 16 ft. R. C. Limerick, highway engr.

Tex., Alice—Election Nov. 24, $70,000 or $90,000 bonds paving various streets and constructing sewerage system. J. H. Briggs, Alice, engr.

Tex., Alpine — Brewster Co. making plans improving 11 mi. Highway 3 from Pecos Co. line to end of Federal Aid Project 378-E, 18 ft. $190,000. A. L. White, Alpine, engr.

Tex., Anderson—Grimes Co. plans grading, bridging and gravel surfacing 8.75 mi. State Highway, Roans Prairie to Walker Co. line, 18 ft. $100,000. O. A. Seward, Jr., Navasota, engr. Noted Aug. 20.

Tex., Angleton—Brazoria Co. voted $300,-000 bonds hardsurfacing about 18 mi. Precinct 26. J. T. Loggins, Angleton, judge.

Tex., Angleton—Brazoria Co., takes bids after Nov. 15, crushed stone on bituminous surfacing 10.88 mi. Highway 19 from north end of Federal Aid Project 367-A to Fort Bend Co. line, 18 ft. $260,000. H. W. Munson, Angleton, engr.

Tex., Brownsville — Cameron Co. soon takes bids grading and bridging 24½ mi. Highway 12-D, between Barreda and Point Isabel. $61,000. W. O. Washington, Brownsville, engr. Noted Dec. 25, 1924.

Tex., Colorado—Election Nov. 14, $325,-000 bonds constructing State Highway 1, through Mitchell Co. State and Federal Aid appropriates $325,000 toward cost. C. C. Thompson, co. judge.

Tex., Comanche—Comanche Co. making surveys hardsurfacing 9 mi. portion of Pecan Belt Highway from here to Kerrville, $150,000. Address County Engineer.

Tex., Corsicana—See "Waterworks."

Tex., Cuero—De Witt Co. making plans grading, bridging and bituminous macadam surfacing 15.97 mi. State Highway 72, 18 ft. $336,000.—Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs.

Tex., Gainesville—Making revised plans permanent paving various streets. $70,-000. G. C. Cartwright, Gainesville, engr.

Tex., Georgetown—Election Nov. 30, $45,-000 bonds finishing paving 8 or 10 mi. various streets started 2 or 3 years ago. J. M. Sharpe, mayor. Engineer not announced.

Tex., Gilmer—Voted $25,000 bonds paving various business streets. L. F. Martin, city secy.

Tex., Sinton — San Patricio Co., making plans concrete on 1 in. rock asphalt paving 2.9 mi. Highway 12, 18 ft. $28,000. F. M. Percival, Sinton, engr. Noted Oct. 29.

Tex., Slaton—Election Nov. 17, $100,000 bonds permanent street paving. Gantt-Baker Co., 1116-18 West Main St., Oklahoma City, Okla., engrs.

Tex., Tyler — Smith Co., making preliminary plans gravel and hardsurfacing 48 mi. highway, 18 ft. $1,500,000. D. K. Caldwell, Tyler, engr.

Tex., Jourdanton — Atascosa Co. postponed indefinitely award of contract grading and bridging 8.37 mi. Highway 9, State Aid Project 627-A, $110,000; also 9.09 mi. Highway 9, State Aid Project 627-B, $130,-000. J. V. Curnutte, Jourdanton, co. engr.

Tex., Kaufman — Kaufman Co. plans grading, bridging and concrete paving about 22 mi. Highway 15, through Forney to connect with Talty Rd., 18 ft. $350,000 S. J. Treadwell, Terrell, engr.

Tex., San Saba—San Saba Co. making surveys improving about 15 mi. portion new Pecan Belt Highway through here. Election soon $200,000 bonds for same. H. Burk, San Saba, highway engr. (temporarily).

Tex., Seguin—Guadalupe Co. voted $26,-000 bonds, grading and graveling, etc., 6 mi. Kingsville and Moss Rd. Dists. J. B. Williams, Seguin, engr.

Tex., Sherman—Voted $100,000 bonds, paving 7 various streets. Engineer not announced. Noted Oct. 29.

Tex., Sweetwater — Nolan Co. making plans double bituminous on sledged stone, caliche and macadam paving 15.22 mi. State Highway 1, Sweetwater to Mitchell Co. line, Unit 2, Federal Aid Project 444, 18 ft. $348,000. J. A. Focht, Sweetwater, co. engr.

Tex., Texarkana — Making plans paving various streets. $200,000. O. Ienglin, city engr.

Tex., Victoria—Victoria Co. election soon $1,000,000 bonds hardsurfacing roads on Jeff Davis Highway, Victoria-Refugio Highway, also improving lateral roads and bridges, etc. P. P. Putney, Victoria, co. judge.

Oklahoma — State Hy. Dept., Oklahoma City, making surveys grading, etc., 14 mi. Weatherford-Bridgeport Rd., Caddo Co., $100,000, and 15 mi. Marlow-Lawton Rd., Comanche Co., $75,000; grading, gravel surfacing, etc., 8 mi. Mountain View-Hobart Rd., Kiowa Co., $100,000, and 6 mi. Cushing-Drumwright Rd., Payne Co., $75,-000, all above 30 ft. wide. J. M. Page, highway engr.

Okla., Garber — Voted $116,446 bonds grading and paving 27 blocks Ponca, Cherokee, Osage, Seneca and Pawnee Sts., 30 ft. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Oct. 8.

Okla, Guthrie—Making preliminary plans resurfacing 9 blocks Oklahoma Ave., 66 ft. $72,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Kingfisher—Kingfisher Co. making preliminary plans hardsurfacing Meridian Highway from Hennessey paving to Cimarron River. $150,000 or more. Address County Commissioners.

Okla., Mangum — Making preliminary plans grading and concrete paving 14,400 sq.yd. South Oklahoma, West Harrison and East Lincoln Sts. $42,600. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Oklahoma City — Plans grading and sheet asphalt paving 5,400 sq.yd. California and Kate Sts. $27,320. B. M. Hart, City Hall, engr.

Okla., Pauls Valley — Voted $26,570 bonds, grading and paving 9 blocks South Chickasaw, North and Oak Sts., 24 and 40 ft. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Ariz., Tucson—Pima Co. making plans grading, gravel surfacing, etc., 42 mi. Benson-Tucson Highway. To exceed $25,000. U. R. Ruthrautt, Tucsop, engr.

Okla., Perry—Plans grading and concrete paving, etc., 10,650 sq.yd. F and K Sts. $32,000. C. A. Wood, Stillwater, engr.

Calif., Glendale — Made plans grading, curbing, guttering and 3 in. oil macadam paving 43,154 sq.ft. Thompson, 10th Sts., etc.; and 7,626 sq.ft. Belmont and Maple Sts. J. F. Johannsen, city engr.

Calif., Pomona—Made plans 6 in. concrete paving 109,379 sq.ft. Gibbs St. between Holt Ave. and 5th St. T. R. Trotter, city engr.

Calif., Sacramento — Wright & Kimbrough, 817 J St., plans curbing, watermains, guttering and paving, etc., Freeport Blvd. To exceed $100,000.

Calif., San Francisco—Making plans removing soft rock for Bernal Cut Project, to exceed $75,000; widening Clement St. between 1st and 13th Aves., incl. lighting system, to exceed $30,000; resurfacing and reconstructing streets in south of Market St. section, $100,000; curbing, guttering, sidewalks and paving streets in Peralta Heights Dist., $92,500; grading, curbing, guttering, sidewalks and paving streets in Crocker Amazon Tract, $250,000, and in portions of Douglas and Romain Sts., $90,-000. M. M. O'Shaughnessy, city engr.

Ont., Toronto — Plans concrete sidewalks on Brookside Dr., Strathmore Blvd., Cleveland St., Felstead, Hietz, Corley, Lawlor, and Riverdale Aves.; Golfdale, Mt. Pleasant and Manor Rds., $19,663; asphalt on concrete paving Lewis St. $13,804, Tydall Ave. $3,171, and Humewood Dr. $3,409; asphalt surfacing Bedford Rd. $9,828, Classic Ave., $3,959, and Lombard St. $8,662. R. C. Harris, city engr.

B. C., Vancouver — Election Dec. 19, $250,000 bonds, hard-surfacing various streets. C. Brachenridge, City Hall, engr.

BIDS DESIRED

Massachusetts—Nov. 17, by Dept. Pub. Wks., Boston, bituminous macadam paving 16,793 ft. highway, 18 ft. in Southwick and Granville. W. F. Williams, comr.

Rhode Island — Nov. 25, by State Bd. Pub. Rds., State House, Providence, bituminous concrete Topeka paving 2.36 mi. Contr. 2515, Federal Aid Project 30, in Scituate; bituminous macadam paving 6.61 mi. Contr. 2516, Federal Aid Project 2, in Cumberland, 2.17 mi. Contr. 2514 Warren and Market Sts.; and gravel surfacing 3.5 mi. Contr. 2517, Charlestown-Richmond, Alton Rd.; adv. E. N.-R. Nov. 12.

N. Y., Long Island City — Nov. 19, by Park Bd., Arsenal Bldg., 64th St. and 5th Ave., New York City, improving Shore Rd., in Astoria Park, here.

Pennsylvania — Dec. 7, by State Hy. Dept., Harrisburg, grading and rein.-con. paving, etc., approximately 25 mi. 5 projects in 4 counties. W. H. Connell, highway engr.; adv. E. N.-R. Nov. 12.

W. Va., Webster Springs — Nov. 25, by West Virginia Midland Ry. Co., Clarksburg, G. A. Hechmer, genl. mgr., grading, etc. 4.8 mi. section railway from here, to Bergoo. J. Blasco, Webster Springs, engr.; adv. E. N.-R. Nov. 12.

N. C., Saluda—Nov. 17, by Mayor and Bd. Aldermen, curbing, guttering, sidewalks, water and sewer lines, concrete or asphaltic paving 34,000 sq.yd. various streets. G. C. White Co., Durham and Asheville, engrs.

Ga., Canton — Nov. 17, by City Clerk, grading, curbing, guttering, sidewalks and concrete, brick, sheet asphalt, asphaltic concrete, rock asphalt, Findley sheet asphalt or Warrenite surfacing 22,500 sq.yd. various streets. K. T. Thomas, 308 Wynne-Clayton Bldg., Atlanta, engr.

Fla., Tampa — Dec. 15, by City Commissioner, City Hall, paving various streets. W. E. Duncan, city clk.; adv. E. N.-R. Nov. 12.

Miss., Gulfport—Dec. 1, by City Commissioners, J. Milner, mayor, curbing, sewers, guttering, sidewalks and paving with various types 145,000 sq.yd. various streets. $600,000. H. D. Shaw, 14th St. and 24th Ave., engrs. Noted Oct. 29.

Louisiana—Dec. 1, by State Hy. Comn., Baton Rouge, graveling 8.92 mi. Monroe-Jonesboro Highway, State Project 436 B, Ouachita Parish; also Main St. crossing Barrow Canal, in Houma, State Project 519, Terrebonne Parish. W. B. Robert, highway engr.

Louisiana—Dec. 1, by State Hy. Comn., Baton Rouge, grading and graveling 9.6 mi. Chatham-Ruston Highway, State Project 419-A, Jackson Parish; also 3.4 mi. Olla-Jena Highway, State Project 435 B, La Salle Parish. W. B. Robert, highway engr.

Louisiana—Dec. 3, by State Hy. Comn., Baton Rouge, grading 8.08 mi. Sun-Bogalusa-Mississippi State Line Highway, State Project 412-C, Washington Parish. W. B. Robert, highway engr.

Ind., Anderson — Nov. 15, by Comrs. Madison Co., curbing, concrete paving etc., 1 mi. Pendleton South (part of old 37), 20 and 30 ft., $25,000; and concrete paving 1¼ mi. road in Pendleton, formerly Route 37, 20 ft., $30,000. A. H. Doyle, co. engr.

Ind., Rushville — Nov. 17, by Common Council, concrete, bituminous concrete, brick or wood block paving 5,100 sq.yd. 2 alleys and 1 street. Stewart & Stewart, Rushville, engrs.

Michigan—Nov. 23, by State Hy. Comn. at office Comrs. Leelanau Co., Leland, graveling 5.346 mi. Trunk Line Rd. 22-1, 16 ft. G. C. Dillman, Lansing, highway engr.

Michigan—Nov. 23, by State Hy. Comn., at office Saginaw Co., Saginaw, graveling 4.496 mi. Trunk Line 18-23, in Saginaw, Midland and Gratiot Counties; also 5.509 mi. Trunk Line Road 18-11, Midland and Saginaw Counties. G. C. Dillman, Lansing, highway engr.

Michigan—See "Contracts Awarded."

Ill., Forest Park—Nov. 23, by Bd. Local Impvts., concrete paving 24,300 sq.yd. various alleys. H. C. Huxhold, village clk.; adv. E. N.-R. Nov. 12.

Kan., Paola—Nov. 20, by F. Kirby, clk. Miami Co., improving Federal Aid Project 293-C, incl. 46,282 cu.yd. earth and 3,040 cu.yd. rock excav., 16,228 cu.yd. borrow, 52,455 lb. reinforcing, etc., in road work, also 10 ft concrete slab bridge, 9,060 lb. reinforcing, and 120 ft. Pratt truss bridge, 26,760 lb. reinforcing and 118,810 lb. structural steel. F. Gardner, Paola, engr.

North Dakota — Nov. 19, by State Hy. Comn. and Bd. Comrs. Wells Co., Fessenden, gravel surfacing, etc. 18.306 mi. road west and east of Hurdsfield, Federal Aid Project 210.

Streets and Roads (Continued)

N. D., Fessenden — Nov. 19, by O. G. Krueger, aud. Wells Co., gravel surfacing 18.306 mi. road, 25,081 cu.yd. load, spread compact, maintain, etc. $30,000.

Tex., Fort Worth — Nov. 20, by F. V. Lanham, chn. State Hy. Comn., Austin, clearing, grubbing, bridging, concrete and bituminous paving 6.8 mi. State Highway 1, Federal Aid Project 496, 24 ft., Tarrant Co., $539,000. G. W. Courter, Fort Worth, engr.

Tex., Fort Worth — Nov. 23, by D. A. Davis, engr., Tarrant Co., Ft. Worth bituminous paving 18 mi. Fort Worth & Dallas Pike, 24 ft.

Tex., Huntsville — Dec. 4, by A. T. McKinney, Jr., judge Walker Co. clearing, grubbing, grading and constructing timber pile and concrete bridges on 18.01 mi. State Highway 32, Federal Aid Project 489. $114,900. D. K. Caldwell, Huntsville, engr. Noted July 27.

Tex., Wichita Falls — Nov. 23, by B. D. Sarten, judge Wichita Co., 8 span, 344 ft. rein.-con. girder bridge across Wichita River. $30,000. J. M. Isbell, Wichita Falls, co. engr.

Okla., Garber—Nov. 16, by R. Kimmel, city clk., grading, curbing and concrete paving 9,965 sq.yd. Seneca and Ponca Sts. $32,210. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Hobart — Nov. 17, by C. R. Williams, city clk., grading and concrete surfacing 8,750 sq.yd. 5th and Jefferson Sts. $28,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Ont., Midland—Nov. 18, by C. E. Smith, town clk., 10,000 sq.yd. sheet asphalt on concrete paving various streets. $47,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs. Noted Sept. 24.

BIDS RECEIVED

New Hampshire—State Hy. Dept., Concord, gravel surfacing 1.62 mi. highway in Antrim, from Long, Cross & Burnham, Greenfield, Mass., $28,899, also 0.72 mi. Highway in Manchester, from C. Bianchi & Co., Framingham, Mass., $15,386.

New York — A. W. Brant, comr. Highways, Albany, Nov. 6, **(e. e. means engineer's estimate)** constructing and reconstructing 2.19 mi. Repair Contr. 3139, Highway 420, Vestal and Highway 5215 Owego-Binghamton, Broome Co., from O'Day & Ambrose, Binghamton, $85,174, e. e. $107,-297; 7.08 mi. Highway 1722, Millbrook-Dover Plains Highway, Dutchess Co., from New York Willite Paving Corp., Rochester, $407,371, e. e. $506,064; 1.99 mi. Repair Contr. 3137, Highway 5150, Peekskill-Fishkill Pt. 5, Dutchess Co., from J. H. McAllister, Lee Mass., $121,218, e. e. $160,585; 2.36 mi. Repair Contr. 3138, Highway 257 Ridge Pt. 4, Monroe Co., from Van Deusen-Lumber Corp., Concord Bldg., Corning, $127,054, e. e. $165,870; 2.3 mi. Highway 8236, Cuba-Black Creek, Pt. 2, Allegany Co. and 6.34 mi. Highway 8237, Gaines-Murray, Pt. 1, Orleans Co. from H. P. Patterson, Hornell, $83,764 and $216,-225 respectively, e. e. $109,188 and $229,634 respectively; 2.63 mi. Repair Contr. 3141, Highway 198, Delaware Turnpike, Pt. 4 and Repair Contr. 14889 Highway 199, Delaware Turnpike, Pt. 5, Albany Co., from G. Edgecomb Co., Inc., Walton, $52,193, e. e. $66,835; 9.74 mi. Highway 1718, Bolton, Landing-Sabbath Point, Pt. 2, Warren Co., from C. F. Seabrook Co., Inc., Bridgeton, N. J., $455,130, e. e. $549,820; 3.1 mi. Repair Contr. 3134, Highways 453 and 9003, Poughkeepsie Hyde Park State Hospital, Dutchess Co., from Spoor-Lasher Co., Inc., Poughkeepsie, $204,562, e. e. $270,562; 8.86 mi. Repair Contr. 3135 Highway 5109, St. Johnsville-Nelliston, and Repair Contr. 3136, Highway 5123, Nelliston-Palatine Bridge, Montgomery Co., from Westchester Constr. Co., Riverhead, $512,899, e. e. $632,-709; 0.64 mi. Repair Contr. 3140, Highway 545, Syosset-Cold Spring Harbor, Nassau Co., from R. W. S. Corp., Huntington, $42,-905, e. e. $53,179. Noted Oct. 22.

N. Y., Long Island City — M. E. Connolly, pres Queens Boro, Queens Subway Bldg., Nov. 2, grading Hemlock Pl., from H. E. Kordoes, 2577 Cooper St., Brooklyn, $3,143; grading gutter space, sidewalks, etc., on Caspian St., and grading, curbing and sidewalks on Procter St., from Peace Bros., 460 Lockwood Ave., $2,497 and $3,450 respectively; recurbing, reflagging and sheet asphalt on concrete paving Stryker Ave., and sheet asphalt on concrete paving Queens Blvd., from W. P. McDonald Constr. Co., Lawrence St., Brooklyn, $42,660 and $150,120 respectively. Noted Oct. 29.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Nov. 4, bituminous concrete repaving Amboy Rd. from J. E. Donovan Paving Co., 2205 Richmond Terrace, Port Richmond, $15,873; curbing and resetting curbing on both sides Forest Ave., from J. Caruselle, 148 St. Pauls Ave., Stapleton, $814; granite block paving Jersey St., from P. Cramer, 154 East 50th St., New York City, $8,105; grading St. Stephens Pl. from Union Pl., from Richmond Paving Co., 48 Hylan Blvd., Rosebank, $1,688. Noted Oct. 29.

Pennsylvania—State Hy. Dept., Harrisburg, Oct. 30, **(R. means Route and A. means Application)**, one course rein.-con. paving 18,922 ft. R. 89, A. 3679 and 3710, Oil Creek Twp., Venango and Crawford Counties, from H. E. Bunce, 125 Fulton St., Olean, N. Y., $118,484, 29,827 ft. R. 241, Sect. 3, Standing Stone and Wysox Twps., Bradford Co., from Bryant & Kohl, 145 Hazle St., Wilkes-Barre, $354,095, 1,411 ft. A. 3603, Picture Rocks Boro, Lycoming Co., from Winston & Co., Masonic Bldg., $12,823, 1,820 ft. R. 268, Sect. 9, East Pike Run Twp., Washington Co., from T. W. Monroe Constr. Co., Tarentum, $30,726, 11,-785 ft. A. 3632 and 10,102 ft. A. 3592 and 3633, Unity Twp., Westmoreland Co., from T. Cronin Co., South 18th and Fox Sts., Pittsburgh, $93,178 and $67,553 respectively; also grading, etc., 1,990 ft. R. 82, West Fallowfield Twp., Crawford Co., from O. B. Bracht, P. O. Box 286, Titusville, $17,725. Noted Oct. 8.

Maryland — State Roads Comn., Baltimore, concrete paving 3.5 mi. road from Cresaptown towards McCool, Contr. A-40, Allegany Co., from Tri-State Eng. Co., Cumberand, Md., $98,417.

O., Cincinnati—Director Pub. Serv., improving 3,130 ft. 3rd St. from Vine to Smith Sts., 40 ft., 2,330 lin.ft. sidewalks, 3,000 lin.ft. granite curbing, and 13,900 sq.yd. granite block paving, etc., from Henkel & Sullivan, 105 Bell Blk., $104,473. Engrs. est. $115,481. Noted Oct. 15.

O., East Cleveland (Cleveland P. O.)—City, Oct. 17, widening and paving 7 ft. strip south side Euclid Ave. from easterly to westerly lines of city limits, from Highway Constr. Co., Guarantee Title Bldg., Cleveland, $72,372. Noted Oct. 15.

Tex., Albany—J. E. Pirie, engr., Albany, grading 8.18 mi. Highway 1A, Federal Aid Project 495A, 18 ft., for Shackelford Co., from Jordan Constr. Co., Plainview, approximately $38,000; bridges on same road, from Crouch & Nolan, Strawn, approximately $27,500. Noted Oct. 7.

Okla., Guthrie—E. R. Adams, clk. Logan Co., grading, etc., 13.69 mi. Guthrie-Crescent Rd., 30 ft., from D. Blackburn, Healdton, $58,647. Engrs. est. $65,009. Noted Oct. 22.

Calif., Los Angeles — Grading, curbing, guttering, and 5 in. concrete paving 238,462 sq.ft. portion of Hub St. from E. M. LeBaron, Inc., Bank of Italy Bldg., Los Angeles, $90,705, and 284,291 sq.ft. O'Farrell St. between Hanford and Harbor View Ave., from W. W. Mackey, Lane Mortgage Bldg., $92,390; also grading and 6 in. concrete paving 354,680 sq.ft. San Fernando Mission Blvd., from J. Martin, 789 Lyon St., approximately $69,095.

Calif., San Diego—Common Council, Oct. 26, from G. R. Daley, 4430 Boundary St., improving Lewis St., Hillcrest Dr., etc., 1,479 cu.yd. excav. at $1.60 per cu.yd., 3,657 cu.yd. embankment $0.57, 144,325 sq.ft. 1½ in. asphaltic concrete on 4 in. concrete paving $0.209, 6,991 sq.ft. concrete sidewalk $0.22, 1,670 lin.ft. curbing $0.65, etc., total $40,275. Noted Oct. 15.

CONTRACTS AWARDED

N. J., Adelphia — Monmouth Co. (Freehold) graveling 1.95 mi. Elton-Adelphia Rd., here, to Red Bank Constr. Co., Red Bank, $29,264.

SUBWAY—NEW YORK, N. Y.

Bids were opened by Board of Transportation, 49 Lafayette St., Oct. 9, for installation of tracks for part of Flushing Extension of Queensboro Subway, (A) T. H. Reynolds Contracting Co., Inc., 50 Park Pl. (awarded contract); (B) Slattery Engineering & Construction Co., Inc., 10 East 43rd St.; (C) New York Electrical Construction Corp.; (D) McElroy & Kerwin, Inc. The unit bids are as follows:

	A	B	C	C
¾ ton furnishing and installing cast-iron hand-hole frames and covers in place, complete	$200 00	$200 00	$200 00	$250 00
2,000 cu.yd. furnishing and placing in the works, Class A ballast	4 00	4 50	4 40	5 50
For furnishing and delivering to the works Class C 6 in. x 8 in treated ties as follows:				
1,550 *(a)* intermediate and joint ties, 2 ft. 6 in. long, drilled for spikes only	1 25	1 50	1 25	1 30
450 *(b)* third rail ties 3 ft. 10½ in. long drilled for spikes only	1 80	2 25	2 00	1 90
3 furnishing, delivering and installing bumping posts	1,000 00	1,400 00	800 00	1,100 00
1,950 installation of anti-creepers	10	10	10	15
For installation of modified type I track, complete as follows:				
2,840 lin.ft. *(a)* on tangents and curves of more than 2,000 ft. radius	2 00	2 00	3 50	1 83
660 lin.ft. *(b)* on curves of 2,000 ft. to 701 ft. radius	3 00	4 00	4 50	2 20
240 lin.ft. *(c)* on curves of less than 701 ft. radius	4 00	4 50	5 00	3 00
For installing of modified type I tracks including				
2,010 lin.ft. concrete, complete		7 00	6 50	8 00
For installation of special work, portion 454 (lump sum	1,400 00	1,250 00	3,500 00	1,450 00
For installation of special work, portion 455 (lump sum)	1,400 00	1,250 00	1,000 00	1,415 00
For installation of special work, portion 456 (lump sum)	1,400 00	1,250 00	1,000 00	1,450 00
For installation of special work, portion 457 (lump sum)	4,000 00	3,500 00	1,000 00	3,650 00
Extended totals	$45,485	$47,602	$48,058	$49,064

Pennsylvania—State Hy. Dept., **Harrisburg, (R. means Route and A. means Application)**, to Lord Constr. Co., Hastings, improving R. 276, A. 3345-3531, Clearfield Co., 1,679 cu.yd. excav. at $1 per cu.yd., 2,181 cu.yd. borrow $1 and 8,428 sq.yd. rein.-con. paving $3, etc., total $39,309; and to A. R. Cooper, Butler, improving R. 278, A. 3421, Beaver Co., 6,293 cu.yd. excav. at $1 per cu.yd., 656 cu.yd. borrow $1, 16,703 sq.yd. rein.-con. paving $3.25, etc., total $81,759.

Pa., Mt. Lebanon—Allegheny Co. (Pittsburgh), reconstructing Washington Rd., to M. O. Herron Co., South 15th and McKean Sts., Pittsburgh, $25,920. Engrs. est. $25,-000.

Pa., Phila. — Dept. Pub. Wks., Bureau of Engineering, removing old and constructing new sewer in Courtland St. between point 161 ft. west of 11th St. and point 30 ft. east of 12th St., to Ryan Constr. Co., 735 Real Estate Trust Bldg., $49,740; and Wingohocking sewer in Ramona Ave. between Cayuga and I Sts., also in private property to Frankford Creek, to Mazzola Marano, 739 South 7th St., $494,-120. Noted Nov. 5.

North Carolina — State Hy. Comn., Raleigh, to N. L. Teer, Durham, clearing, grubbing and grading 9.88 mi. Project 487-B, Wake Co. $38,800, 10.15 mi. Project 496 $53,948, and 4.92 mi. Project 491 $28,-183, both in Warren Co., to Jamison Bros., High Point, 12.4 mi. Project 394, Robeson Co. $70,356, to W. C. Carter, Mebane, 9.11 mi. Project 753-B, Stokes Co. $64,166; to J. K. Cecil, Lexington, grading 11.52 mi. Project 523, Davidson Co. $39,175; to G. F. Coenatzer, Winston-Salem, clearing, grubbing grading and top soiling 5.67 mi. Project 583-B, Chatham Co., $26,527; to Roberts Paving Co., Salisbury, Md., grading and plain concrete paving 5.4 mi. Project 111-B, Camden Co. $127,757, 6.44 mi. Project 117-B, Currituck Co. $152,203, to G. L. Babbitt, Franklinton 1.57 mi. Project 425, Franklin Co. $44,338, to J. M. Gregory & Co., Pittsboro, 7.6 mi. Project 354, New Hanover Co. $199,400, to J. O. Heyworth, Inc., Harvester Bldg., Chicago, Ill., 13.74 mi. Project 242, Johnston Co. $377,944. clearing, grading, plain concrete paving and rein.-con. structures on 11.63 mi. Project 164, Nash Co. $335,430; to Blythe Bros., Charlotte, grading and asphalt on concrete paving 12.57 mi. Project 6060, Anson Co., $326,977. Grand total $1,885,204. Noted Oct. 29.

North Carolina — State Hy. Comn., Raleigh, grading and sand asphalt paving 15.33 mi. Project 219-B, Duplin-Lenoir Counties, to Highway Eng. & Contg. Co., Selbyville, Del., $275,578. Noted Sept. 17.

Miss., Gulfport—Harrison Co., Warrenite bitulithic on gravel surfacing 8 mi. Magnolia Route, north of here, to Southern Paving & Constr. Co., Volunteer Life Bldg., Chattanooga, Tenn., $147,729. Noted Oct. 22.

Miss., Waynesboro—Bd. Supervs. Wayne Co., gravel surfacing 18 mi. Mississippi Valley Highway from Long Creek to Mississippi State line, to W. R. Dyess, c/o owner, $115,500.

La., Bastrop—Town Council, 5,000 lin.ft. concrete curbing and guttering various streets, to G. Bonderbust, Kansas City, Kan., at $0.72 per lin.ft.

La., Baton Rouge—Comn. Council, hard-surfacing various streets to Southern Roads Co., Cangelosi Blk., $39,000, and to R. G. Lassiter & Co., Citizens Bank Bldg., Raleigh, N. C., $31,000; also graveling various streets, to Thibodeaux & Harrison, Main St., $16,000. Grand total $86,000. Noted Oct. 22.

Streets and Roads (Continued)

La., De Ridder—For 6 in. concrete paving various streets, to Martin & Riling, Lake Charles. Engrs. est. $50,000.

Tenn., Sweetwater — Concrete curbing, guttering and crushed stone surfacing various streets, to Callaway & Fisher Constr. Co., Lenois City, approximately $80,000.

Ohio—Dept. Hys. & Pub. Wks., Columbus, grading, bridging and waterbound macadam paving 0.432 mi. Sect. "West Union" West Union-Manchester Rd. Adams Co., to Whitehill-Petrie, Peebles $6,046, 0.065 mi. Sects. "A and B" West Union-Hillsboro Rd., Adams Co., to Biehn & McCalla, Chillicothe $4,930, 2.986 mi. Sect. "B," Georgetown-Wilmington Rd., Brown Co., to T. L. Losey, Kenton, $43,908; bituminous macadam, tar paving, etc. 4.473 mi. Sect. "C," Milford-Hillsboro Rd., Clermont Co. to Craig & Jordan, Blanchester, $73,095; bituminous macadam, asphalt paving, etc. 4.129 mi. Sect. "L-1," Cincinnati-Chillicothe Rd., Highland Co., to A. K. Grandle, Leesburg, $11,740, 4.518 mi. Sects. "K-1" and "L" Fostoria-Carey Rds., Seneca Co., to V. J. Staib, Sycamore, $74,954; brick paving, etc. $74,954; Sect. "Smithville" Wooster-Akron Rd., Wayne Co., to Griggs-Anderson, Millersburg, $10,682; concrete paving, etc. 0.21 mi. Sect. "Stryker" Stryker-Evansport Rd., Williams Co., to Blue & Dillman, Napoleon, $10,464; concrete widening 3.071 mi. Sect. "P" Youngstown-Sharon Rd., Trumbull Co., to H. W. Baldwin, Willoughby, $16,421; drainage structures on Sect. "K 3" McConnellsville-Caldwell Rd., Morgan Co., to S. A. Kelsey Co., Youngstown, $20,113 and 6.859 mi. Sects. "M-2" and "N" Zanesville-Caldwell Rd., Muskingum Co., to Williams, Stone & McCoy Co., Columbus, $85,634. Grand total $413,172. Noted Oct. 15.

O., Canton—Stark Co., monolithic brick paving 1.5 mi. Johnsons Corners-Beechwood Church Rd., 16 ft., to Urban Bros. Co., Canton, $29,532. Engrs. est. $30,000.

O., Cleveland — To Baldwin Bros., 4500 Euclid Ave., grading, curbing, guttering and sheet asphalt surfacing 8,460 sq.yd. Fernway Ave. $22,304, West 17th St. $13,128 and West 42nd St. $7,874, to Cleveland Trinidad Paving Co., The Arcade, Hart Ave. $2,985, Redman Ave. $10,389, West 138th St. $7,208, West 14th St., $8,570 and West 15th St., $2,054; to Gould & Maybach, 16311 Saranec Rd., grading, curbing, guttering and vitr. brick surfacing Hale Ave. $14,372 and East 187th St. $27,590, to Roehl Bros., 7002 Denison Ave., Henninger Rd. $7,600, West 62nd St. $8,002, West 63rd St. $8,711, West 66th St. $10,142 and West 122nd St. $18,984, to Rieley Bros., The Arcade, East 121st St. $8,673, to Enterprise Paving & Constr. Co., 8444 Bway., Lorenzo Ave. $10,305, and Rexford Ave., $23,984. Grand total $212,875.

O., Cleveland — Curbing, guttering and sheet asphalt paving 10,860 sq.yd. Harvard Ave., to Cleveland Trinidad Paving Co., The Arcade, $45,128, 10,240 sq.yds. Worthington Ave., West 122nd and East 185th Sts., to Highway Constr. Co., Guaranty Title Bldg., $40,906; curbing, guttering and vitr. brick paving 15,335 sq.yds. West 162nd, East 8th, East 97th and West 37th Sts., to Baldwin Bros. 4,500 Euclid Ave. $78,618; sheet asphalt paving East 46th, East 47th and East 144th Sts., to Enterprise Paving & Constr. Co., 8444 Bway. East 46th St. $29,763, East 88th St., to Bentley Bros., Hanna Bldg., $5,364, East 105th and East 147th Sts., to Gould & Maybach, 16311 Saranec Rd., $62,279. Grand total $259,869. Noted Oct. 22.

O., Cleveland — Comrs. Cuyahoga Co., improving Harvard Rd. 4, 31,600 cu.yd. earth excav., 41,250 sq.yd. asphalt on concrete, etc., to Cleveland Trinidad Paving Co., The Arcade, $214,331.

Michigan—State Hy. Dept., Lansing, bituminous concrete paving 10.537 mi. Trunk Line Road 14-74 A Ingham Co. and 4.279 mi. Trunk Line Rd. 4-75, Jackson Co., by day labor. GG. C. Dillman, Lansing, highway engr.

Mich., Detroit—To Detroit Asphalt Paving Co., 909 Transportation Bldg., 3½ in. sheet asphalt on 8 in. paving 5,875 sq.yd. Reynolds Ave. $25,297, 2,140 sq.yd. Eastlawn Ave. $9,158, 2,825 sq.yd. Piper Ave. $11,954, 3,960 sq.yd. Washburn Ave. $16,831, 4,050 sq.yd. Lenox Ave. $17,347, 3,790 sq.yd. Riverside Dr. $15,999, 2,020 sq.yd. Newport Ave. $8,736, 5,420 sq.yd. Cecil Ave. $23,378, 1,305 sq.yd. Fortune St. $6,421, 9,100 sq.yd. Mendota Ave. $37,491, 8,050 sq.yd. Prairie Ave. $34,169, 2,060 sq.yd. Reid Ave. $10,752, 2,040 sq.yd. Kentucky Ave. $9,437, 6,000 sq.yd. Pinehurst Ave. $25,839, 4,120 sq.yd. Constance Ave. $19,120, 2,150 sq.yd. Larned St. $9,912, 3,490 sq.yd. Ashland Ave. $14,862, 3,465 sq.yd. Holmes Ave. $14,935; to Cleveland Trinidad Paving Co., 402 Hammond Bldg., 1,390 sq.yd. Yosemite Ave., $6,604; to White Constr. Co., Union Trust Bldg., 19,890 sq.yd. Mt. Elliott Ave., Sect. 1, $71,700, and 26,000 sq.yd. same avenue, Sect. 2, $97,766. Grand total $487,708. Noted Oct. 8.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, paving Route 3, Sect. 80-W, Morgan Co., to Divine Constr. Co., Watseka, $11,361, Route 1, Sect. 49, Edgar Co., to A. J. Parish, Paris, $13,501, Route 1, Sect. 161-S, Cook Co., to A. Ward & Sons, Oak Glenn, $5,584, Route 16, Sect. 25, Macoupin Co., to W. C. Johnson, Belleville, $35,769, Route 42, Sect. 112-X, Cook Co. and Sect. 113-X, Lake Co., also bridge on Route 42, Sect. 112-B, Lake Co., to G. Welch, Beloit, Wis., $61,000; grading Route 3, Sect. 16-A, Whiteside Co., to Jenner Bros., Davenport, Ia., $12,142, Route 9, Sect. 8-A, Tazewell Co., to I. D. Lain, Bloomington, $49,880, Route 2, Sect. 3-V-1, Jackson Co., to H. H. Hall Constr. Co., Murphy Bldg., East St. Louis, $7,770, Route 14, Sects. 11-A and 12-A, White Co., to Dees Bros., Oblong, $58,246. Grand total $255,253. Noted Nov. 5.

Ill., Chicago—J. J. Sloan, pres. Bd. Local Impvts., Room 207, City Hall, South Water Street Improvement, Warrent 50075 substructure and superstructure of Sects. 5-B, 6, 7 and 8, to Mid-Continent Constr. Co., 6 North Michigan Ave., $1,849,504. Noted Oct. 1.

Wis., Milwaukee — Dept. Pub. Wks., asphalt resurfacing Erie St. between railroad tracks and incinerator plant, to Badger Constr. Co., 97 Wisconsin St. $4,760; and National Ave. between 11th and 18th Aves., to White Constr. Co., 86 Wisconsin St. $28,280. Noted Nov. 5.

Ia., Audubon—Audubon Co., improving 7.782 mi. Federal Aid Project 52, 186,487 cu.yd. excav., etc., to G. W. Condon, 415 Farnam Bldg, Omaha, Neb., $25,581, and 5,375 ft. 6 in. and 925 ft. 12 in. tile drain, etc., to G. Cronkhite, Perry, $1,298; grading 8.53 mi. Federal Aid Project 208, to Callahan-Walker Constr. Co., 1106 1st Natl. Bank Bldg., Omaha, Neb.

Ia., Des Moines—To Des Moines Asphalt Paving Co., 2nd and New York Sts., improving 16,762 sq.yd. Forest Ave.; D brick surfacing from 19th to 23rd Sts. at $1.92 per sq.yd. and from 23rd to 27th St. $2.91, sheet asphalt surfacing from 27th to 34th Sts. $2.18, sheet asphalt resurfacing from 34th to Beaver Sts. $1.16, curbing at $0.53 per ft., reset curbing $0.39, curb and gutter $0.73, reset curb and gutter $0.38, concrete surfacing 1,200 sq.yd. 3rd St. at $2.18 per sq.yd., also D brick surfacing 1,752 sq.yd. Madison St. $2.92, and 5,104 sq.yd. Cornell St., $2.92; to Wright Constr. Co., 1325 Main St., D brick surfacing 1,378 sq.yd. 15th St. $3.05, 4,083 sq.yd. 38th St., $3.14, 4,540 sq.yd. 8th St. $2.02, vibrolithic surfacing 10,711 sq.yd. Urbandale St. $2.13, 2,106 sq.yd. Rose St. $2.14, and 5,580 sq.yd. DeWolf St. $2.07, also concrete surfacing 248 sq.yd. 11th St. $2.29, and 1,068 sq.yd. Enos St. $2.07; to Union Constr. Co., 200 New York St., D brick surfacing 22,941 sq.yd. Des Moines St. $2.83, and vibrolithic surfacing 3,308 sq.yd. Arthur St. $3.08.

Ia., Des Moines — Johnson Method 1 paving 5,212 sq.yd. Courtland Dr., to Wright Constr. Co., 1325 Main St. at $2.15 per sq.yd.; D brick surfacing 1,843 sq.yd. Clinton St., to Des Moines Asphalt Paving Co., 2nd and New York Sts., at $2.94. Noted Oct. 15.

Ia., Elkader — Grading, graveling, etc., Primary Roads 10, 13 and 20, to M. O. Weaver, Iowa Falls, $32,500.

Kan., Abilene — Dickinson Co., grading, etc., 7.147 mi. Federal Aid Project 29-A, and 8.315 mi. Federal Aid Project 29-B, both 28 ft., to L. W. Rexroad, Salina, $35,335 and $42,022 respectively. Noted Oct. 1.

Kan., Emporia—See "Bridges."

Kan., Kansas City—Wyandotte Co. rock asphalt resurfacing 0.995 mi. Smith Rd., 18 ft., to Roudebush & Roberts Bros., 6th and Northwestern Sts., $30,339.

South Dakota—State Hy. Dept., Pierre, **(S. P. means State Project and F. A. P. means Federal Aid Project)**, to Tobin & Maloney, Madison, grading 17.11 mi. F.A.P. 204-A, Hutchinson-Turner Counties $63,775, gravel surfacing 13.16 mi. S.A.P. 108, Day-Marshall Counties $19,489, 10.06 mi. S.A.P. 104 and 105, Roberts and Grant Counties $12,858, 19.66 mi. F.A.P. 164, Brooklings and Moody Counties $24,782; to Dowd Bros. and Noonan-Hyde Co., Watertown grading 15.59 mi. F.A.P. 193-A, Brookings Co. $32,732, to R. P. England, Murdo, 13.39 mi. F.A.P. 202-A, Turner and Lincoln Counties, $32,936; to Wagner-Erling Co., Sioux Falls, gravel surfacing 5.37 mi. F.A.P. 187-A, Gregory and Charles Mix Counties $5,688, 18 mi. S.A.P. 122, Yankton, Turner and Clay Counties $21,731, and to H. Pickus Constr. Co., Sioux City, Ia., 4.58 mi. F.A.P. 138-B, Lawrence and Meade Counties $15,058. Grand total $229,049. Noted Oct. 15 and 22.

Ark., Little Rock — Grading, curbing, sewers, guttering and 2 in. Warrenite on 6 in. concrete surfacing 27,000 sq.yd. West 8th St., Dist. 429, to M. D. L. Cook, Southern Trust Bldg., $127,013. Engrs. est. $160,000.

Ark., Walnut Ridge—Grading, concrete surfacing 5,000 sq.yd. and gravel surfacing 11,000 sq.yd. Paving Dist. 1, to Hogan Constr. Co., 826 Southern Trust Bldg., Little Rock. Engrs. est. $26,000. Noted Aug. 27.

Tex., Abilene — Hard paving Walnut St. from 3rd to 8th Sts. and from 8th to 9th Sts., to West Texas Constr. Co., $58,613.

Tex., Denton—Denton Co., asphaltic concrete paving 8 blocks College Ave., West Mulberry and South Locust Sts., to W. M. Jagoe Co., Denton, $24,328.

Tex., Houston — Harris Co., bituminous concrete paving Louisiana St. from Capitol to Dallas Aves., to Gulf Bitulithic Co., 501 Bankers Mortgage Bldg., Houston, $33,806. Engrs. est. $35,000.

Tex., Jourdanton—F. V. Lanham, clm. State Hy. Comn., Austin, grading and bridging, etc., 4.68 mi. Highway 9, State Aid Project 628, 26 ft., Atascosa Co., to H. Kyle, Hutto, approximately $26,000.

Tex., Laredo—Webb Co., asphalt paving 1¼ mi. highway between paved streets of here and south end of Webb Co. line, to Southwestern Bitulithic Co., Gunter Bldg., San Antonio, approximately $26,000. Noted Aug. 20.

Okla., Blackwell—Grading and vertical fibre brick paving 8,840 sq.yd. Blackwell Ave., 9th and D Sts., to O. T. Tyler, 927 West Blackwell St., $40,180. Engrs. est. $46,995.

Okla., Chandler—Vertical fibre brick resurfacing 18,560 sq.yd. Manvel Ave., to H. L. Cannady & Co., 1122 South Lewis St., Tulsa, $104,209. Engrs. est. $109,658.

Okla., Okemah — Grading and concrete paving 15,800 sq.yd. Boston, Atlanta and North 5th Sts., to Park & Moran, 210 South Seminole St., Okmulgee, $55,625. Engrs. est. $59,200.

Colorado—State Hy. Dept., Denver, grading, etc., 20.62 mi. extension west from Ft. Morgan, Federal Aid 287-A, Morgan and Weld Counties, to H. C. Lallier Constr. Co., Hudson, $101,818; also railroad-crossing bridge with graded approaches between Nunn and Dover, Federal Aid 286-A, Weld Co., to Brown & Smith, Conifer, $35,162. Noted Nov. 5.

Wash., Everett—Bd. Pub. Wks., concrete paving Rainer Ave. between 15th and 24th Sts., to E. Wahl & Co., Everett $37,374. Engrs. est. $42,651.

Wash., Seattle—Bd. Pub. Wks., concrete paving 15th Ave. S.W., to J. L. Smith, 304 West 36th St., $26,650. Engrs. est. $27,000.

Oregon—State Hy. Dept., Salem, grading 12.54, mi. Herford-Mill Gulch Sect. Baker-Unity Highway, Baker Co., to H. E. Cornell, 1403 Warm Springs Ave., Boise, Idaho, $126,690; 11 mi. Washington Unit of Lena-Vinson Sect. Oregon-Washington Highway, Morrow and Umatilla Counties, to J. Hampshire, Grants Pass, $84,450, 4.2 mi. East Unit same highway to Logan Bros., Grants Pass $31,809; 28.2 mi. Lapine-Corral Springs Sect. Dalles-California Highway, Deschutes and Klamath Counties, to C. Nyberg, Spokane, Wash., $203,000; and 4.5 mi. North Powder-Muddy Creek Market Rd., Baker Co., to E. B. Bishop, Eugene, $34,702. Grand total $480,651.

Calif., San Diego—Common Council, asphalt and concrete paving Kansas St., to G. R. Daley, 4430 Boundary St., $37,470; 4 and 5 in. concrete paving Fay Ave., etc., to K. S. Heath, National City, $37,673. Noted Nov. 5.

Calif., Stockton — San Joaquin Co., to Irey & Holden, Lodi, improving Eight Mile, Wilhoit and Castle Rds., etc., 11,700 cu.yd. grading at $0.30 per cu.yd., 6,140 tons 2½ in. base course gravel $2,000, 4,470 tons 1½ in. top course gravel $2, etc. Noted Nov. 5.

Ont., Ford — Concrete paving Montreal Rd., Edna St. etc., to Merlo, Merlo & Ray, Ford. Engrs. est. $35,000.

Ont., Toronto—To Dufferin Constr. Co., foot Bathurst St., asphalt on concrete paving Lambert Ave. $3,633, Evelyn Ave. $4,730, and Steiner Ave. $3,305; to Dept. Pub. Wks., by day labor, bitulithic on concrete paving Harper Ave. $8,474, Hudson Ave. $7,844, and Rosedale Heights Dr. $10,771. Grand total $38,757.

Buildings—Industrial

PROPOSED WORK

Mass., Dorchester (Boston P. O.) — PLANT — Massachusetts Baking Co., 65 East Cottage St., had plans prepared by McFarland & Laurie, 162 Newbury St., Boston, 3 story, 30 x 85 ft., brick and steel addition, East Cottage St. $40,000.

Buildings—Industrial (Continued)

Mass., Worcester—FACTORY—Crompton & Knowles, 93 Grand St., had plans prepared by L. W. Briggs Co., 314 Main St., 4 story, 40 x 75 ft., brick and steel addition, Grand St. $50,000.

Mass., Worcester—FACTORY—Worcester Paper Box Co., 40 Austin St., plans brick factory unit. $40,000 or more.

Conn., Bridgeport—FACTORY—Raybestos Co., Bostwick and Railroad Sts., had plans prepared 2 story, brick addition. $60,000. Private plans.

Conn., Waterbury — FACTORY — Lux Clock Mfg. Co., 97 Sperry St., having preliminary plans prepared 5 story brick and steel unit, Sperry St. To exceed $40,000.

N. J., Belvidere — FACTORY — Sunbury Converting Wks., Sunbury, Pa., having plans prepared by O. Wandel, archt. and engr., c/o owners, for silk mill, dye plant, stamping mill, etc. $2,000,000. Railroad trestle, let to Bethlehem Constr. Co., Bethlehem, Pa.

N. J., Newark—BAKING PLANT—Continental Baking Co., 512 5th Ave., New York City, having plans prepared by C. B. Comstock, archt. and engr., 110 West 40th St., New York City, rein.-con. and brick, plain foundation, Fabyan Pl., here. $500,000.

Pa., Chester — PLANT — B. R. Brown, constr. engr. Dept. Ford Motor Co., Highland Park, Mich., soon lets contract 1 and 2 story, 455 x 812 ft. assembly building, 1 story, 63 x 60 ft. power house, 1 story, 74 x 163 ft. car delivery, 1 story, 18 x 41 ft. pumphouse, 1 story, 60 x 113 ft. oil house and oil storage tanks, all rein.-con., brick and steel, wood pile foundations, Front St. and Delaware River, here, for Ford Motor Co., Detroit, Mich. $1,000,000. A Kahn, Inc., 1000 Marquette Bldg., archts. Noted Mar. 19.

Pa., Hercules (Belfast P. O.)—PACKING HOUSE—P. M. Sax, archt., Penfield Bldg., Phila., soon lets contract 2 story and basement, 65 x 120 ft., rein.-con. and brick, plain foundation, here, for Hercules Portland Cement Corp., 1600 Walnut St., Phila.

Pa., Uniontown—ENAMELING PLANT—Richmond Radiator Co. having plans prepared 1 story, 40 x 136 ft., brick and steel plant addition. Private plans.

W. Va., Parkersburg—PLANT—Viscose Co., Marcus Hook, Pa., takes bids about Nov. 17, new plant, here. Ballinger Co., 12th and Chestnut Sts., Phila., Pa., archts.

N. C., Charlotte — POWER PLANT — Southern Power Co., 432 South Church St., plans 100,000 hp. emergency steam power plant. W. S. Lee, Charlotte, engr. Noted Sept. 24.

N. C., Columbus—COTTON FACTORY—Columbus Cotton Mills, Chimney Rock, plans concrete and steel textile plant, here. $100,000. G. J. Nord, Gastonia, engr.

Fla., Clearwater—LAUNDRY and DRY CLEANING PLANT — Clearwater Steam Laundry plans rein.-con. and brick laundry and dry cleaning plant. $125,000.

Fla., Hollywood — ICE PLANT, etc. — Hollywood Electric Light & Water Co., J. W. Young, genl. mgr., plans 94 x 239 ft., ice and coal storage plant. Private plans.

Ala., Chickasaw (branch Mobile)—MILL, etc.—J. M. Card Lumber Co., Rosevale Blvd., Chattanooga, Tenn., F. B. Daune, secy. and mgr., plans lumber plant, saw mill, planing mill and dry kiln with 1,000,000 ft. monthly capacity, here.

La., New Orleans — PLANT — Tropical Clothing Co., 205 Charles St., had plans prepared by H. Rabinovitz, 205 Strand Bldg., 3 story, rein.-con. and brick factory, Toulouse between Charles and Decatur Sts. $100,000. Noted Aug. 7.

Tenn., Nashville—BOTTLING PLANT—Coca Cola Bottling Co., 911 Berryhill St., having plans prepared by D. W. Southgate, Stahlman Bldg., 2 story, 100 x 172 ft., concrete, brick and steel, 15th and Church Sts. $50,000.

Tenn., Nashville—POWER PLANT, etc. — Election Dec. 17, $100,000 bonds, new boiler plant, power and heating plants. H. E. Howse, mayor.

Tenn., Shelbyville — MILL — Shelbyville Mills, Inc., H. B. Cowan, pres., purchased Sylvan Mills and plans new additions. $200,000.

O., Alliance—FACTORY—Stewart Bros. Paint Co., 204 South Seneca Ave., plans 2 story, 40 x 80 ft., brick, North Union Ave.

O., Newark—FACTORY—Pharis Tire & Rubber Co., A. R. Lindorf, pres., 765 West Main St., had plans prepared by Osborn Eng. Co., 7016 Euclid Ave., Cleveland, 2 story, 80 x 105 ft., brick, steel and concrete addition. $60,000. Noted Oct. 22.

O., Summitville—FACTORY—F. H. Johnson and H. P. Lynn of Summit Brick Co., plan rebuilding 1 story factory, incl. power plant and main manufacturing building, recently destroyed by fire. $50,000.

Ill., Rockford — FACTORY — Nelson Knitting Mills, 600 South Wyman St., making plans 1 and 2 story, 180 x 200 ft., rein.-con. and brick factory, plain foundation. $200,000. Private plans. Foundation for same awarded, to Holm-Page Co., Kishwaukee St.

Wis., Antigo—WOODWORKING PLANT—Vulcan Last Co. plans 2 story, brick and concrete, plain foundation. To exceed $40,000. Engineer and architect not selected.

Wis., Madison—PLANT—Ripp & Son Co., c/o F. Ripp, 1672 East Mifflin St., plans 2 story, brick, concrete and steel, plain foundation, Mifflin St. $40,000. Engineer and architect not selected.

Wis., Milwaukee—POWER HOUSE and LAUNDRY—Milwaukee Hospital, 22nd and Cedar Sts., had plans prepared 3 story, 60 x 70 ft., brick and concrete addition, plain foundation. $60,000. R. Cramer, 1105 Vliet St., engr.

Wis., Polar—SAW MILL—T. D. Kellogg Lumber Co., Superior St., Antigo, having plans prepared 2 story, timber saw mill, plain foundation. $50,000. Private plans. Noted Oct. 8.

Wis., Racine — MANUFACTURING — J. Sorensen & Son Co., Berryville Rd., plans 1 and 2 story, 52 x 250 ft., concrete block, plain foundation. $65,000. Engineer and architect not selected.

Wis., Racine — PRINTING PLANT — Western Printing & Lithographing Co., 213 State St., purchased site and plans (1st unit) 2 story, brick and concrete printing plant, plain foundation, Liberty St. $40,000. Engineer and architect not selected.

Minn., Montgomery — CANNERY — Minnesota Valley Canning Co. plans brick and concrete plant. $250,000.

Kan., Kansas City — WAREHOUSE, etc. —Southard Feed & Milling Co., 905 North 3rd St., plans fireproof warehouse, 11 concrete grain storage tanks 100,000 bu. capacity, 350 ft. rein.-con. loading deck. $100,000.

Neb., Omaha—GARAGE, SHOPS, etc.—Metropolitan Utilities Dist., City Hall, having plans prepared by T. A. Leisen, engr., City Hall, 2 story and basement, rein.-con., brick and steel, probably at 20th and Center Sts. $225,000.

S. D., Sioux Falls — LIGHT PLANT — Plans election $300,000 bonds electric light plant. W. C. Leyse, city aud.

Mo., Fayette—HEATING PLANT—See "Buildings—Educational, Religious."

Mo., Owensville—PLANT—All Locking Zinc Shingle Mfg. Co., J. T. Tate, secy., plans 1 story, 50 x 155 ft. plant. $40,000.

Mo., Sedalia—RECLAMATION PLANT—Missouri Pacific R.R. Co., Ry. Exch. Bldg., St. Louis, plans reclamation plant at shops, here. E. A. Hadley, ch. engr.

Ark., Little Rock—BAKERY—J. O. Patterson Corp., 3110 Gilham Rd., Kansas City, Mo., having plans prepared by McKecknie & Trask, 224 Board of Trade Bldg., Kansas City, Mo., 2 story and basement, 120 x 120 ft., rein.-con., brick and terra cotta bakery, here. $135,000. Owners will probably build by day labor. H. A. Noble, 719 Pioneer Trust Bldg., Kansas City, Mo., structural engr.

Tex., Fort Worth—MANUFACTURING—Manufacturing & Wholesalers Assn., c/o B. B. Buckeridge, plans 12 story, rein.-con., brick and stone, Commerce and 16th Sts. $500,000. Engineer and architect not selected.

Tex., Kingsville—ICE PLANT—Kingsville Produce & Milling Co. plans 20 ton refrigerator and cold storage plant. $50,000. Private plans.

Tex., Luling—FLOUR MILLS—S. T. Green, plans flour mill, 60 car capacity, etc. $100,000. Engineer and architect not announced.

Tex., San Antonio — BOOKBINDING PLANT — Universal Publishing Syndicate, 1512 North 13th St. Phila., Pa., purchased plant of Pickard Bookbinding Co., 11½ Soledad St., here, and plans enlarging same. $100,000. Private plans.

Tex., Sinton—ICE PLANT—Sinton Electric & Ice Co., soon takes bids ice plant, 30 ton capacity, concrete and brick. $100,000. Private plans.

Tex., Sweetwater—ICE PLANT—Sweetwater Ice & Cold Storage Co., and West Texas Electric Co., plan doubling capacity of present ice plant, also 40 mi. transmission line from here to Snyder, etc. $250,000. Private plans.

Okla., Muskogee — PLANT, WAREHOUSE, GARAGE, etc. — Continental Oil Co., Continental Bldg., A. Southworth, supt., having plans prepared by W. R. M. McFeeley, c/o owner, 30 x 40 ft. warehouse, 10 x 112 ft. garage, etc. $300,000. Noted Oct. 22.

Wash., Tacoma — INSECTICIDE FACTORY — Latimer-Goodwin Chemical Co., Grand Junction, Colo., C. A. Latimer, pres., purchased site and plans plant on Tacoma tideflats, here.

Calif., Los Angeles—HOSIERY MILLS—Hollywood Silk Hosiery Mills, 6762 Hollywood Blvd., Hollywood, plans 4 story factory, Las Palmas Ave. and Santa Monica Blvd. Engineer and architect not selected.

Calif., Napa — REFINERY—Northwestern Sugar Refining Co., c/o S. H. Wyckoff, plans sugar refinery. To exceed $100,000.

Calif., Vernon — MACHINE SHOP — Percival Iron & Steel Co., 232 Allison St., Los Angeles, had plans prepared rein.-con. and steel, Santa Fe Ave. To exceed $100,000. Private plans.

T. H., Hawaii—PACKING PLANT—P. L. Bush, engr., 101 California St., San Francisco, Calif., soon takes bids steel and concrete packing plant on Island of Mauii, here, for California Packing Corp., 101 California St. $1,000,000.

BIDS DESIRED

Mass., Fall River — GARAGE and REPAIR SHOP — Fall River Gas Wks. Co., 393 Madison Ave., taking bids 1 story, 55 x 119 ft., rein.-con. and brick garage and repair shop. To exceed $40,000. Stone & Webster Inc., 147 Milk St., Boston, archts.

Mass., South Boston (Boston P. O.) — FACTORY—Gillette Safety Razor Co., 41 West 1st St., taking bids 8 story and basement, 73 x 167 ft., blade building, West 1st St., $450,000, C. T. Main, 200 Devonshire St., Boston, engr., and 8 story and basement, 75 x 152 ft. handle building, West 1st and Granite Sts., $400,000, Monks & Johnson, 99 Chauncy St., Boston, engrs.

Pa., Phila. — GALVANIZING PLANT — Nov. 17, by Harris & Richards, archts., Drexel Bldg., 1 story, 28 x 252 ft., brick and concrete, plain foundation, 68th and Glenmore Sts., for General Electric Co.

Miss., Vicksburg—PLANT—See "Contracts Awarded."

Wis., Milwaukee — FACTORY — J. Bruecker, archt., 496 Cramer St., taking bids 1 story, 62 x 137 ft., brick and timber, plain foundation, North Side. $40,000. Owner's name withheld.

Wis., Milwaukee—FACTORY—Dick & Bauer, archts., 811 State St., taking bids 2 story, 40 x 80 ft., brick and concrete, plain foundation, Richards St. $40,000. Owner's name withheld.

Wis., Milwaukee—MANUFACTURING—R. Messmer & Bro., archts., 221 Grand Ave., taking bids remodeling 4 story, brick and timber or brick and concrete plant, Huron St., for Wellener Estate, 3324 Sycamore St. $40,000. Reichardt Automotive Equipment Co., 91 Huron St., lessee.

Neb., Minatare—SUGAR FACTORY—See "Contracts Awarded."

CONTRACTS AWARDED

Mass., Cambridge (Boston P. O.) — REPAIR and SERVICE GARAGE — Massachusetts Wharf Coal Co., 30 Kilby St., Boston, 1 story, 77 x 164 ft., rein.-con., brick and stone, plain foundation. Harvard and Main Sts., here, to W. H. Whitcomb Constr. Co., 6 Beacon St., Boston. Archts. est. $50,000

Mass., Stoneham — FACTORY — J. J. Grovers Sons Co., Lynn, 3 story, 52 x 138 ft. rein.-con. and hard pine factory, to M. C. Tuttle Co., Park Sq. Trust Bldg., Boston.

R. I., Pawtucket—PLANT—Stillwater Worsted Co., 1 story, 30 x 240 ft., timber addition, plain foundation, to Central Eng. and Constr. Co., Pawtucket. Archts. est. $40,000.

Conn., Bridgeport—POWER PLANT, etc. —Bullard Machine Tool Co., Brewster and Camfield Sts., steam heating and power plant, to Files Eng. Co., 168 Thompson St. Engrs. est. to exceed $40,000.

Conn., Fairfield — FACTORY — Dupont Fabricoid Co., Inc., 1 story, 50 x 125 ft. spreader building addition, and 42 x 75 ft. acid and vapor building addition, to T. J. Pardy Constr. Co., 1481 Seaview Ave., Bridgeport. Archts. est. $65,000.

Conn., Greenwich — REPAIR and SERVICE — Putnam Corp., 1 story and basement, 80 x 112 x 206 ft., brick and steel, to Saston-Gerard Co., 19 West 44th St., New York City. Archts. est. to exceed $40,000.

Conn., Waterbury—MANUFACTURING—Amer. Metal Hose Co., 67 Jewelry St., 3 story, brick and steel, plain foundation, to Tracy Bros. Co., 57 Benedict St. Archts. est. $90,000.

N. Y., Coney Island (Sta. Brooklyn) — REPAIR SHOP—Bd. Transportation, 45 Lafayette St., New York City, enclosure main repair shop at Coney Island Yard, here, to P. J. Carlin Constr. Co., Grand Central Terminal, New York City, $1,700,000. Noted Oct. 29.

Pa., Phila. — FACTORY — Philadelphia Shovel Co., Tacony and Sanger Sts., 1 story, rein.-con. and brick, plain foundation,

Buildings—Industrial (Continued)

here, to W. W. Lindsay & Co., Harrison Bldg. Engrs. est. $45,000.

Pa., Phila. — MILL — Oliver Knitting Mills, Hancock and Allegheny Sts., 3 story and basement, 90 x 120 ft., rein.-con. and brick addition, to W. Steele & Son, 219 North Broad St. Engrs. est. $100,000.

Pa., Phila. — MILL — Spuntex Knitting Mill, Sedgley and L Sts., 2 story and basement, 92 x 93 ft., rein.-con. and brick, plain foundation, to W. Steele & Son, 219 North Broad St. Archts. est. $60,000.

Pa., Phila.—SHOP and BOILER HOUSE —Phila. Eng. & Mchy. Co., 1130 Race St., 1 story, 50 x 198 ft., brick and steel, plain foundation, 58th and Ludlow Sts., to D. Henwood, 717 South 63rd St.

Miss., Jackson—BOTTLING PLANT—Jackson Coca Cola Bottling Wks., 2 story and basement, 60 x 80 ft., brick and concrete, Pearl St., to W. G. Wetmore, Meridian. Noted Oct. 15.

Miss., Vicksburg—PLANT—Lamb-Gary Mfg. Co., Box 675, will build 72 x 250 ft. flooring factory, 50 x 200 ft. warehouse, 36 x 72 ft. power house, all brick and concrete, by day labor; 126 x 127 ft. concrete and brick dry kiln, to Moore Dry Kiln Co., Jacksonville, Fla. Archts. total est. $125,000.

O., Akron—FACTORY—General Tire & Rubber Co., A. G. Stoller purch. agt., 3 story and basement, 100 x 100 ft., brick and steel addition, to Carmichael Constr. Co., Central Savings Bldg. Archts. est. $75,000.

O., Sandusky—FACTORY—Paper & Textile Products Co., W. H. Millspaugh, pres., 1 story, 66 x 100 ft., brick, steel and concrete addition, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland. Archts. est. $40,000.

O., Marietta — FACTORY — Schenck & Williams, archts., Mutual Home Bldg., Dayton, general contract 4 story, 60 x 510 ft., brick and rein.-con. factory, and 3 story, 60 x 225 ft. office building, here, for Marietta Safe Cabinet Co., W. W. Hopp, genl. mgr., to R. R. Kitchen Co., 37 19th St., Wheeling, W. Va., $500,000. Noted Oct. 15.

Ind., Evansville — WAREHOUSE, etc. — Ohio Valley Roofing Co., general contract 3 story, 100 x 150 ft., brick warehouse and fabricating plant, 2nd Ave., to Hoffman Const. Co., 403 Furn Bldg., Evansville, approximately $80,000.

Ill., Blue Island — PLANT — Illinois Cooperage Mfg. Co., 220 South State St., Chicago, general contract 135 x 150 ft. plant and 47 x 76 ft. boiler plant, etc., concrete and brick, to Tooker-Steinhart Co., 421 Western Ave. Archts. est. $150,000.

Ill., Chicago — FACTORY and WAREHOUSE — Amer. Can. Co., 104 South Michigan Ave., masonry and carpentry contract 3 story, 148 x 167 ft. brick and timber, 6007-6033 South Western Ave., to Starrett & Dilks Co., 160 North La Salle St. Archts. est. $200,400.

Ill., Chicago—SWITCH HOUSE, etc.—Commonwealth Edison Co., 72 West Adams St., Switch House, 3 story, 68 x 91 ft., brick addition to switch house, to G. F. Meyne, 127 North Dearborn St., $155,000; also 4 story, 50 x 100 ft., brick and steel addition to frequency charger house, 2200-2262 Fisk St., to J. W. Snyder, 307 North Michigan Ave., archts. est. $175,000. Noted Aug. 27.

Ill., Freeport—GLASS BOTTLE PLANT —W. T. Rawleigh Co., 415 East Washington St., 1 story and basement, rein.-con. and brick glass bottle and power plant, to H. L. Dixon, Box 104, Pittsburgh, Pa.

Ill., South Chicago (sta. Chicago) — FACTORY — Valley Mould & Iron Co., Sharpsville, Pa., 1 story, 200 x 816 ft., 3100-3138 East 108th St., here, to Hanson Constr. Co., 87th St. and Baltimore Ave., Chicago. Engrs. est. $136,000.

Wis., Appleton—MACHINE ROOM and FILTER — Fox River Paper Co., South Oneida St., E. L. Small, ch. engr., 1 story, 80 x 102 ft., brick and concrete, plain foundation, South Oneida St., to C. R. Meyer & Son, 50 State St., Oshkosh. Archts. est. $60,000.

Wis., Kenosha — GARAGE, SERVICE SHOP and STORAGE — Wisconsin Gas & Electric Co., Public Service Bldg., general contract garage, service shop, storage, etc., to G. Linderman, 307 Lake St. Archts. est. cost $125,000.

Wis., Kilbourn — CREAMERY—Kilbourn Co-Operative Creamery Co., B. Landt, mgr., 2 story, 56 x 64 ft., brick and concrete, plain foundation, to Appleton Constr. Co., I. O. O. F. Bldg., Appleton. Archts. est. $40,000.

Wis., Kohler — BRASS FACTORY — Kohler Co., 5 story and basement, 82 x 200 ft., brick and concrete, plain foundation, to H. Schmitt & Son, 430 Farwell Ave., Milwaukee. Archts. est. $200,000.

Wis., Milwaukee — CARBONIZATION PLANT — Milwaukee Electric Railway & Light Co., Pub. Serv. Bldg., 24 x 40 ft. carbonization plant, 140 ft. high, steel and corrugated iron, plain foundation, Lake Rd., to Milwaukee Bridge Co., 1400 34th St. Engrs. est. to exceed $40,000.

Wis., Milwaukee — FACTORY — Slocum Straw Wks., 656 Natl. Ave., 2 story and basement, 60 x 62 ft., brick and steel addition, Natl. Ave., to Quast Constr. Co., 964 47th St. Archts. est. $40,000.

Wis., Milwaukee — FACTORY — Claus Automatic Gas Cock Co., 1614 Booth St., 1 story, 100 x 125 ft., brick and concrete addition, plain foundation, to T. Siderits Constr. Co., 1591 2nd St. Archts. est. $50,000.

Wis., Milwaukee — FOUNDRY and PATTERN STORAGE — Crucible Steel Casting Co., 612 Clinton St., 1 story, 40 x 60 ft. and 136 x 382 ft., brick and steel, plain foundation, 11th Ave. and railroad tracks, to W. W. Oeflein, Inc., 86 Michigan Ave. Archts. estimate $120,000. Noted Jan. 1.

Wis., Milwaukee—MANUFACTURING—A. O. Smith Corp., 27th St. and Keefe Ave., general contract 1 story, 162 x 560 ft., rein.-con., brick and steel, plain foundation, Keefe Ave., to Meredith Bros., 253 Washington St.; structural steel, to Milwaukee Bridge Co., 1400 34th St.

Wis., Two Rivers—MANUFACTURING —Aluminum Goods Mfg. Co., 15th and Franklin Sts., Manitowoc, 5 story and basement, 137 x 148 ft., rein.-con. and steel, plain and wood pile foundation to W. W. Oeflein, Inc., 86 Michigan St., Milwaukee. Archts. est. $250,000. Noted Oct. 22.

Wis., Oshkosh — FACTORY — Foster-Lothman Mills, 4th and Minnesota Sts., 2 story, 60 x 160 ft., brick and timber addition, plain foundation, to Fluor Bros. Constr. Co., 52 Otter St. Archts. est. $40,000.

Wis., Racine—WAX FACTORY—S. C. Johnson & Son Co., 1012 16th St., 1 story, 62 x 150 ft., brick and timber addition, 16th St., to A. C. Kappel, 526 Wisconsin St. Archts. est. $40,000.

Wis., Waukesha—FACTORY—Manitowoc Church Furniture Co., 1214 Lincoln Ave., 1 and 2 story, 77 x 200 ft., brick and tile addition, plain foundation, to C. A. Dailey & Son, 735 North Grand Ave., Waukesha.

Wis., Wauwatosa — FOUNDRY—Liberty Fdry. Co., 57th and State Sts., 1 story, 80 x 100 ft., brick and steel addition, plain foundation, State St., to W. F. Tubesing Co., 373 Bway., Milwaukee. Engrs. est. $50,000.

Neb., Minatare—SUGAR FACTORY—Great Western Sugar Co., Scottsbluff, will build 2 story and basement sugar factory, here, by day labor. $1,000,000 upwards. Private plans.

Mo., St. Louis—ELECTRICAL EQUIPMENT PLANT — Killark Electrical Mfg. Co., 3940 Easton Ave., rebuilding 1 story, 140 x 180 ft., rein.-con., Easton St., recently destroyed by fire, to Kenton-Hercules Constr. Co., Wainwright Bldg., $60,000.

Mo., St. Louis — LAUNDRY MACHINERY PLANT—Lloyd Insurance & Investment Co., Chemical Bldg., 4 story and basement, 77 x 109 ft., rein.-con. and brick, 5147 Natural Bridge Ave., to W. H. Cunliff, 410 North Euclid Ave. Archts. est. $75,000.

Tex., Harlingen — ICE PLANT — Valley Electric & Ice Co., 1 story, rein.-con., stucco, and brick, plain foundation, to Sumner Sollitt Co., c/o Natl. Bank of Commerce, San Antonio, approximately $40,000.

Okla., Tulsa—ICE CREAM FACTORY—Purity Ice Cream Co., 304 West 1st St., general contract 2 and 3 story, 60 x 175 ft., concrete and brick factory, to Molitor & Everard, Tulsa. Archts. est. $90,000 or more. Noted Oct. 22.

Wash., Longview — WAREHOUSE — See "Unclassified."

Calif., Los Angeles — FACTORY and STORE — R. Hale, 6619 Franklin Ave., 3 story, 98 x 156 ft., brick and timber, 301-09 East Pico St., to Miller & Hale, 5412 Santa Monica Blvd., $60,000. Noted July 16.

Calif., Riverside — FACTORY — Soda Potash Products Co., 10 units each 95 x 200 ft., brick and steel factory, 50 ft. high, to Union Eng. Co., 301 Bartlett Bldg., Los Angeles, $1,250,000.

B. C., Powell River — PAPER MILL — Powell River Co., Ltd., 2 story and basement, 150 x 450 ft., rein.-con. and steel, to Armstrong Morrison Co., Ltd., Bower Bldg., Vancouver, $250,000; structural steel, to Vulcan Iron Wks., Granville Island, Vancouver, $40,000.

Buildings—Commercial

PROPOSED WORK

Me., Portland—Y. M. C. A., G. West, pres., had plans prepared by J. P. Thomas, 537 Congress St., 5 story, 120 x 150 ft., brick, stone and concrete, Forest Ave. $300,000.

Vt., Brattleboro — THEATRE — E. W. Benson, c/o J. Tuck, archt., Park Sq. Bldg., Boston, Mass., having plans prepared 4 story and basement, brick and steel, Main and High Sts., here. $250,000.

Mass., Attleboro — THEATRE — Eagles Home Building Assn., having sketches made by J. A. Tuck, 459 Park Sq. Bldg., Boston, 2 story and basement, 132 x 190 ft., brick and terra cotta, Bank St. $175,000.

Mass., Boston—MERCANTILE—R. A. Dobbins, 209 Washington St., having plans prepared by R. H. Doane, 162 Newbury St., 6 story and basement, brick, steel and limestone, plain foundation, City Hall Ave. and Pie Alley. To exceed $150,000.

Mass., Everett (Boston P. O.)—STORE—Outlet Furniture Co., H. Soule, 336 Bway., plans 2 story and basement, 60 x 130 ft., brick store. $150,000. Engineer and architect not selected.

Mass., Hyannis—HOTEL—A. Keefe, 84 Massachusetts Ave., Boston, plans brick addition, Bay View Inn. $150,000. Engineer and architect not selected.

Mass., Lowell — POLICE HEADQUARTERS — City, A. Donavan, chn. com., plans brick police headquarters, Market St., $150,000-$200,000. Engineer and architect not selected.

Mass., Somerville (br. Boston) — THEATRE — J. Tuck, archt., 439 Park Sq. Bldg., Boston, preparing plans 2 story, 100 x 200 ft., brick and terra cotta, plain foundation, 303 Bway., here. $160,000. Owner's name withheld.

Mass., Webster—STORE, OFFICE and APARTMENT — L. H. Tiffany, 299 Main St., having plans prepared by T. S. Tenney, 101 Park Ave., New York City, 3 story, brick and semi-fireproof, Main St. $150,000.

Conn., Hartford—BANK—Bankers Trust Co., 18 Asylum St., M. B. Brainard, pres., having plans prepared by W. F. Brooks, Lewis and Gold Sts., new bank, Farmington Ave. To exceed $150,000. Noted July 23.

Conn., Meriden—HOTEL—B. N. Rosenbaum & Co., Inc., 40 Exchange Pl., New York City, H. Israel, mgr., 20 Pratt St., Meriden, had plans prepared by F. M. Greisler, 1035 Walnut St., Phila., Pa., 8 story, brick and steel, plain foundation, Pratt and East Main Sts., here. $400,000.

Conn., Milford—HOTEL—Milford Arms, J. J. Gill, proprietor plans 100 room addition, Post Rd. and Golden Hill St. $150,000 or more. Engineer and architect not selected.

Conn., New Haven—BUSINESS—Sherman Constr. Co., 157 Winthrop Ave., having plans prepared by L. J. A. Julianelle, 59 Asylum St., 2 story and basement, 170 x 200 ft., rein.-con., brick and steel, plain foundation, George St. $150,000.

Conn., Norwich—HOSPITAL—State Hospital Comn., Hartford, F. M. Salmon, comptroller, having plans prepared by Cudworth & Thompson, Disco Bldg., 3 brick and timber buildings, incl. patients ward, employers and administration building, at Tuberculosis Hospital, here. $150,000. Noted Sept. 10.

N. Y., Albany — HOSPITAL — State Hospital Comn., Albany, plans fireproof administration building at Albany Hospital. $800,000.

N. Y., New York — APARTMENTS — Rucco Corp., c/o G. G. Miller, archt. and engr., 1482 Bway., having plans prepared two 6 story, brick, steel and stone, plain foundations, Arden St. $250,000 each.

N. Y., New York—APARTMENT — Thirty-Seven Sickles St. Corp., c/o G. G. Miller, archt. and engr., 1482 Bway., having plans prepared 6 story, 90 x 225 ft., brick, steel and stone, plain foundation, Sickles St. $450,000.

N. Y., New York—APARTMENT — I. L. Crausman, archt. and engr., 370 East 149th St. preparing plans brick, steel and stone, plain foundation, East 181st St. $250,000. Owner's name withheld.

N. Y., New York — APARTMENT — Gronenberg & Leuchtag, archts. and engrs., 450 4th Ave., preparing plans 9 story, 50 x 100 ft., brick, steel, and stone, plain foundation, West 90th St. Owner's name withheld.

N. Y., New York—APARTMENT—D. S. Lang, archt. and engr., 110 West 34th St., preparing plans 5 story, brick, steel and stone, plain foundation, 174th St. and Montgomery Ave. $250,000. Owner's name withheld.

N. Y., New York — CLUBHOUSE — Knights of Columbus, 2605 Grand Concourse, soon takes bids brick, steel and stone, plain foundation, Grand Concourse. $200,000. W. A. Giesen, 603 East Tremont Ave., archt. and engr.

N. Y., New York—EXCHANGE—New York Telephone Co., 15 Dey St., having plans prepared by McKenzie, Voorhies & Gmelin, archts. and engrs., 342 Madison

Buildings—Commercial (Continued)

Ave., 3 story, 100 x 140 ft., brick, steel and stone, plain foundation, Arden St. $500,000.

N. Y., New York — HOSPITAL — Babies Hospital, 135 East 55th St., having preliminary plans prepared by H. C. Pelton, archt. and engr., 151 West 42nd St., brick, steel and stone, plain foundation, Bway. and 168th St. $1,000,000.

N. Y., New York—LOFT—Fur Manufacturers Building Co., Inc., c/o Schwartz & Gross, archt. and engr., 347 5th Ave., soon takes bids 50 x 100 ft., brick, steel and stone, plain foundation, West 39th St. $1,000,000. Noted July 9.

N. Y., New York — LOFT — Shekter & Kaplan, 129 West 28th St., soon take bids 14 story, brick, steel and stone, plain foundation, West 28th St. $250,000. H. I. Oser, 1440 Bway., archt. and engr.

N. Y., New York — MEDICAL — E. Lignante, 29 West 34th St., having sketches made by Caughey & Evans, archts. and engrs., 29 West 34th St., 12 story, brick, steel and stone, plain foundation, Central Park West. $4,000,000.

N. Y., Rochester—HOTEL—Beaver Valley Hotel Corp., having plans prepared by G. B. Post & Sons, 101 Park Ave., New York City, 6 story and basement, 90 x 111 x 137 ft., rein.-con., brick and tile, plain foundation. Day & Zimmerman, 600 Walnut St., Phila., Pa., engrs. and constr. mgrs.

N. J., Camden—OFFICE—J. O. Wilson, 4th and Market Sts., et al., having plans prepared by L. B. Rothschild, 215 South Broad St., Phila., Pa., 12 story office building, Cooper St. $1,000,000.

Pa., Beaver Falls—HOTEL, BANK, OFFICE, etc.—G. Davidson, 1st Natl. Bank Bldg., having plans prepared by E. E. Bailey Co., Oil City, 6 story and basement, stone or granite and steel, 7th Ave. and 12th St. $700,000.

Pa., Chester—THEATRE, STORE and APARTMENT—H. C. Gordon, c/o G. W. Carey, Lincoln Bldg., Phila., having plans prepared by R. R. Neely, 2301 Spruce St., Phila., 5 story and basement, 130 x 150 ft., rein.-con., brick and steel, plain foundation, 3rd and Central Sts. $500,000.

Pa., Phila.—APARTMENT—B. Shulman, archt., 1722 Arch St., made plans 10 story and basement, 112 x 190 ft., rein.-con. brick and steel, plain foundation, Central City Section. $1,500,000. Owner's name withheld.

Pa., Phila.—APARTMENT and STORE —D. Krekstein, Bulletin Bldg., having plans prepared by L. Tonk, 206 Bailey Bldg., 2 story and basement, 92 x 100 ft., brick and steel, plain foundation, Mt. Airy and Germantown Aves. $160,000.

Pa., Phila. — APARTMENT — Parkway Apartment Corp., c/o F. W. Greisler, archt., 1035 West Walnut St., having plans prepared and soon takes bids 14 story and basement, 110 x 170 ft., rein.-con., brick and steel, plain foundation, 33rd and Columbia Sts. $1,750,000.

Pa., Phila. — OFFICE — L. Rothschild, archt., 215 South Broad St., making preliminary plans 15 story and basement, approximately 50 x 150 ft., rein.-con., brick and steel, plain foundation, Juniper and Arch Sts. Owner's name withheld.

N. C., Asheville—GARAGE—T. C. Coxe, c/o F. Coxe Co., having plans prepared by A. Wirth, 3 story, 128 x 140 ft., rein.-con., brick and steel garage. $240,000.

N. C., Raleigh — UNION STATION — Lockwood, Greene & Co., engrs., 24 Federal St., Boston, Mass., making surveys site for Union Station, here, for Southern Ry., 1425 F St., N. W., Wash., D. C., B. Herman, ch. engr, Seaboard Air Line, Union Station, Savannah, Ga., W. D. Faucette, ch. engr., and Norfolk Ry., Terminal Station, Norfolk, Va., F. L. Nicholson, ch. engr.

Ga., Athens—ADMINISTRATION—University of Georgia having preliminary plans prepared by Hentz, Reed & Adler, Candler Bldg., Atlanta, administration building. $300,000.

Fla., Arcadia—HOSPITAL—DeSoto Co. voed $300,000 bonds, hospital.

Fla., Fort Myers—HOTEL—Heitman Estate plans 10 story hotel, 1st St. $200,000.

Fla., Kissimmee—HOTEL—Gilbert Hotel Corp., plans hotel, Bway. and Main St. $450,000.

Fla., Miami — CLUB — Miami Athletic Club soon lets contract for club. $1,500,000. J. Eberson, Miami, archt. and engr.

Fla., St. Petersburg—STORE and OFFICE—Baker Bros. Co., Inc., plans 8 story, store and office building, Northeast 4th St. and 26th Ave. N. $400,000.

Fla., Tampa — APARTMENT — W. L. Bottomley, archt., 112 East 55th St., New York City, N. Y., preparing plans 3 story, 75 x 175 ft., hollow tile and stucco, Temple Terrace, here. $250,000. Owner's name withheld.

Miss., Gulfport — STORAGE WAREHOUSE — Bonded Warehouse & Storage Co., soon takes bids 5 story, rein.-con. storage warehouse and refrigeration plant annex. $2,000,000. W. C. Lester, Arcade Bldg., Memphis, Tenn., archt.

O., Cleveland — FIRE STATION — City, W. R. Hopkins, mgr., City Hall, having plans prepared by H. Kregelius, City Hall, 2 story and basement, brick, steel and concrete, East 185th St. and Nottingham Rd. $150,000.

O., Cleveland—THEATRES—Playhouse Foundation, c/o C. S. Brooks, pres., 7298 Cedar Ave., having preliminary plans prepared by P. L. Small & C. B. Rowley, Union Bldg., 1 and 3 story and basement, 125 x 150 ft., brick, steel and concrete theatre, East 86th St. and Drury Lane. $200,000.

Ind., Terre Haute — HOTEL — Heirs of Crawford Fairbanks having plans prepared by W. E. Russ, archt. and engr., Indianapolis, 11 story and basement, 80 x 150 ft., 7th and Wabash Sts. $900,000.

Mich., Detroit — APARTMENT — P. R. Rossello, archt., 406 Congress Bldg., preparing preliminary plans 10 story and basement, 98 x 165 ft., rein.-con., brick and steel, John R St. Owner's name withheld.

Mich., Detroit — APARTMENT — W. Bayer, c/o A. Kahn, archt., 1000 Marquette Bldg., takes bids about Nov. 17, 7 story, 147 x 159 ft., rein.-con., brick, plain foundation, Seward Ave.

Mich., Detroit — APARTMENT — R. T. Lee, General Motors Bldg., having plans prepared 3 story and basement, brick and steel, plain foundation, Quincy, Blaine and Radford Aves. $350,000. Private plans.

Mich., Detroit—OFFICE—Park Davis & Co., 2951 Atwater St., having plans prepared by Smith, Hinchman & Grylls, 800 Marquette Bldg., 4 story and basement, 65 x 100 ft. rein.-con. and brick, Atwater St. $150,000.

Mich., Detroit—OFFICE, etc.—Westinghouse Electric & Mfg. Co., 4584 Maybury Grand Ave., plans office, shop, warehouse, etc., Trumbull Ave. $500,000. Private plans.

Mich., Detroit — TEMPLE — Arbeiter Temple, c/o L. Kamper, archt. Kamper Bldg., Cass Ave., having plans prepared 3 story and basement, 110 x 140 ft., rein.-con. and brick lodge temple, plain foundation Cass Ave. $150,000.

Mich., Pontiac—HOTEL—S. Plotkin, 120 West Montcalm St., Detroit, had plans prepared by Fisher Bros., 24 West Huron St., 4 story and basement, 103 x 140 ft., rein.-con., brick and steel, plain foundation, Perry St. $200,000.

Ill., Chicago — APARTMENT — J. N. Bantsolas, 2357 East 67th St., plans 14 story, 120 x 179 ft. apartment, 67th St. and Oglesby Ave. $1,150,000. Engineer and architect not announced.

Ill., Chicago—HOSPITAL, etc.—Comrs. Cook Co., Room 519 County Bldg., had plans prepared by E. E. Hall, 123 West Madison St. and takes bids about Jan. 4, Childrens Hospital, 8 story and basement, 48 x 237 ft., with 47 x 75 ft. wing, Receiving Building, 3 story and basement, 170 x 172 ft., H shaped, and Mens Ward, 7 story and basement, 47 x 237 ft.; also plans later Morgue, 3 story and basement, 107 x 134 ft., T shaped, all above rein.-con., brick and steel and connected by tunnels, Harrison, Wood, Polk and Lincoln Sts. $2,500,000.

Ill., Chicago—OFFICE, etc.—Union News Co., 507 West Monroe St., having plans prepared by Fellheimer & Wagner, 155 East 42nd St., New York City, N. Y., 12 story, 100 x 125 ft., office and storage building, 717 West Jackson Blvd. $1,000,000.

Ill., Chicago—OFFICE—F. D. Chase, Inc., archts., 720 North Michigan Ave., soon takes bids 22 story and basement, 45 x 90 ft., rein.-con., brick, steel and stone, Monroe and Clark Sts., for J. E. De Wolf, et al., Westminster Bldg. $1,200,000.

Ill., Chicago—OFFICE—H. Goldstine, et al., 160 North La Salle St., having plans prepared by A. S. Alschuler, 28 East Jackson Blvd., 21 story, 180 x 200 ft., rein.-con., steel and stone, caisson foundation, Adams and Franklin Sts. $5,500,000.

Ill., Chicago — THEATRE, STORE and APARTMENT — E. P. Rupert & R. Levine, archts., 6957 East Erie St., take bids about Dec. 1, 3 story, irregular size, rein.-con., brick, steel and terra cotta, Grand Ave. and Neva St., for Montclair Building Corp., c/o architects.

Ill., Chicago—STORE and OFFICE—J. L. Guyon, 124 North Crawford Ave., having plans prepared by J. J. Jenson, 1105 Lawrence Ave., 10 story and basement, 75 x 100 ft., brick, steel and terra cotta, Crawford Ave. and Washington Blvd. $1,000,000.

Ill., Evanston—THEATRE, STORE and OFFICE—J. E. O. Pridmore, archt., 38 South Dearborn St., Chicago, preparing plans and takes bids latter part December, 2 story and basement, 95 x 210 ft., rein.-con., brick and stone, Sherman and Church Sts., here. $500,000. Owners name withheld.

Ill., Lake Forest — THEATRE, STORE and OFFICE — James Anderson Estate having plans prepared by S. Anderson & J. Tickner, Lake Forest, 3 story, 105 x 118 ft., rein.-con. and brick, plain foundation. $225,000. J. Anderson Co., Lake Forest, engrs.

Wis., Kenosha — CLUB HOUSE and BUSINESS—Kenosha Lodge 286, L. O. O. M., 406 Market St., c/o J. Goldstein, chn. building com., plans 3 story and basement, 87 x 140 ft., brick and concrete clubhouse, etc. $250,000. Noted July 9.

Wis., Milwaukee—BANK—Van Ryn & DeGelleke, archts., 114 Grand Ave., soon take bids 4 story and basement, 62 x 100 ft., brick, stone and concrete, plain foundation, East Water St., for Natl. Exchange Bank, 367 Bway. $300,000. Noted Mar. 5.

Wis., Milwaukee—BUSINESS—Musical Arts Corp., c/o Kirchhoff & Rose, archts., 210 Sycamore St., having plans prepared remodeling interior 7 story business building, Bway. $150,000.

Wis., Milwaukee — COURT HOUSE — Milwaukee Co., W. J. Cary, clk., retained A. C. Clas, 445 Milwaukee St., as an advisor to make preliminary surveys and prepare tentative plans for stone and concrete court house, plain foundation. $5,000,000. Engineer and architect not selected.

Wis., Milwaukee — HOTEL — J. Leiser, archt., 105 Wells St., takes bids after Jan. 1, 3 story and basement, 76 x 145 ft., rein.-con. and brick, plain foundation, 6th St. $150,000. Owner's name withheld.

Wis., Oshkosh — OFFICE — Wisconsin National Life Insurance Co., 14 Washington St., plans 3 story and basement 75 x 100 ft., brick, stone and concrete, plain foundation. $200,000. Auler & Jensen, F. R. A. Bldg., archts.

Wis., Rhinelander—HOTEL—C. E. Blodgett, prop. Hotel Blodgett, Marshfield, plans 5 story and basement, brick and concrete, plain foundation, here. $200,000. Engineer and architect not selected.

Ia., Davenport — MASONIC HOME — Grand Lodge of Iowa, c/o F. Maser, secy., Cedar Rapids, had plans prepared by E. H. Holbrook, 51 Whitaker Bldg., and Beuttler & Arnold, 406 Grain Exch. Bldg., Sioux City, 2 story and basement, 38 x 150 ft., with 38 x 116 ft. wing, rein.-con. and hollow tile, here. $150,000.

Minn., Minneapolis — HOTEL, COMMUNITY CENTER — Wesley Methodist Church, c/o F. L. Roberts, 4642 Garfield Ave., having plans prepared by Colburn & Forsell, 210 South 9th St., 9 story and basement, with 15 story tower, rein.-con., brick, and stone, Grant St. and Stevens Ave. $1,000,000.

Minn., Minneapolis — LABORATORY — Nov. 16, by Dept. Administration & Finance, State Capitol, St. Paul, 2 story and basement, 50 x 110 ft., rein.-con., brick and stone addition to State University, here. $70,000. C. H. Johnston, 715 Capital Bank Bldg., St. Paul, archt. Noted June 11.

Kan., Oberlin—COURT HOUSE—Decatur Co. soon takes bids 2 story and mezzanine, 70 x 100 ft., rein.-con., brick, stone and terra cotta court house. $150,000. Squires & Ross, 630 Kansas Ave., Kansas City, Mo., archts.

Kan., Wichita—HOTEL—J. W. Stevens, 620 West Douglas St., making plans 10 story and basement, 125 x 125 ft., rein.-con., brick and stone hotel. $750,000. Engineer and architect not selected.

Neb., Omaha—BANK—Union State Bank, 16th and Dodge Sts., having plans prepared by J. Latenser & Sons, 732 Peters Trust Bldg., 8 to 10 story and basement, 69 x 132 ft., rein.-con., brick and steel, 19th and Farnam Sts. Noted Oct. 1.

Neb., Omaha—HOSPITAL—University of Nebraska Hospital, 42nd St. and Dewey Ave., had plans prepared by J. Latenser & Sons, Peters Trust Bldg., and takes bids about Nov. 15, 3 story and basement, rein.-con. and brick addition. $250,000. Noted Aug. 27.

Neb., Omaha—STORE—Hayden Bros., 16th and Dodge Sts., J. Madden, pres., plans alterations and additions to 4 story and basement, rein.-con., brick and steel, 16th and Dodge Sts. $250,000. Engineer and architect not selected.

Mo., Jefferson City — HOTEL — Central Hotel, having preliminary plans prepared by J. C. Braecklein, 220 Kresge Bldg., Kansas City, Kan., 6 story and basement, 50 x 100 ft., brick, stone and concrete addition.

Mo., Kansas City—APARTMENT—Barr & Robinson, 50th St. and Wornall Rd., having plans prepared by P. T. Drotts, Reliance Bldg., 4 story and basement, 43 x 115 ft., concrete, plain foundation, 4916-18 Brookside Blvd. $150,000.

Buildings—Commercial (Continued)

Mo., Springfield — APARTMENT — E. I. Collins, 400 East Walnut St., making preliminary plans 3 story and basement, rein.-con., brick and stone, East Walnut St. $150,000 or more.

Mo., St. Louis — EXCHANGE — Southwestern Bell Telephone Co., Bway. and Locust St., having preliminary plans prepared 2 story and basement, rein.-con., brick and stone, Hamilton and Natural Bridge Sts. $175,000. Private plans.

Mo., St. Louis—STORE—McCrory Stores Corp., 1107 Bway., New York City, N. Y., had plans prepared by W. M. Simpson, 1107 Bway., New York City, N. Y., and takes bids about Nov. 15, 4 story (ultimately 10 story) and basement, 104 x 120 ft., steel, caisson foundation, 6th and Charles Sts., here.

Mo., St. Louis—THEATRE—Embassy Amusement Co., c/o A. Laventhal, 2933 North Newstead Ave., having preliminary plans prepared 2 story and basement, rein.-con., brick, stone and terra cotta theatre, 1,200 or more seating capacity, Marcus and St. Louis Sts. $150,000 upwards. Engineer and architect not selected.

Mo., St. Louis — THEATRE — Embassy Amusement Co., c/o A. Laventhal, 2923 North Newstead Ave., had revised plans prepared by Wedemeyer & Nelson, Wainwright Bldg., and soon takes bids 2 story and basement, 106 x 123 ft., rein.-con., brick, stone and terra cotta, Northland Ave. $350,000.

Tex., Alpine — SANITORIUM — Davis Mountain Sanitorium, plans sanitorium in Davis Mountains, near here. $160,000.

Tex., Breckenridge — HOTEL — Burch Investment Co., c/o H. C. Burch, having preliminary plans prepared by Withers & Merrell, Mineral Wells, 6 story and basement, 90 x 160 ft., rein.-con., brick and stone, plain foundation, $275,000.

Tex., Houston — CLUB — Houston Woman's Building Assn., c/o H. M. Garwood, pres., 3404 Montrose Blvd., plans 7 story, rein.-con., brick and stone, South Main Blvd. $500,000. Engineer and architect not selected.

Tex., Houston—WAREHOUSE—Channel Warehouse Extension, Inc., c/o R. Lawrence, c/o Andrews & Bryant Cotton Exch. Bldg., Dallas, having plans prepared by J. A. Schiller, 5th Floor, Courthouse, 2 story, 165 x 460 ft., and 127 x 460 ft., rein.-con. and steel, Turning Basin Dist. $750,000.

Tex., San Antonio—HOTEL—Smith Bros. Constr. Co., Crockett, and Amer. Express Bank Bldg., Dallas, having preliminary plans prepared by A. B. and R. M. Avres, Bedell Bldg., 8 to 10 story, 130 x 145 ft., rein.-con., brick, steel and stone, St. Marys and Villita Sts., here. $1,000,000.

Tex., Texarkana — CITY HALL — City, having preliminary plans prepared by Witt, Seibery & Halsey, Texarkana, 2 story and part basement rein.-con., brick and stone, plain foundation. $250,000. Noted June 11.

Okla., Okemah—COURT HOUSE—Okfuskee Co. voted $200,000 bonds, 2 story and basement, 78 x 134 ft. court house, 3rd St. Engineer and architect not selected. Noted Oct. 8.

Okla., Oklahoma City — WAREHOUSE—Group of Capitalists, c/o J. Campbell, Fidelity Natl. Bank Bldg., making preliminary plans 6 story and basement, 100 x 160 ft. warehouse, Grand St. $300,000. Engineer and architect not selected.

Okla., Tulsa—CLUB and COMMERCE—Tulsa Club and Chamber of Commerce making preliminary plans 10 story and basement, 75 x 150 ft., rein.-con. and brick, 5th and Cincinnati Sts. $500,000. Engineer and architect not selected.

Okla., Tulsa—OFFICE and STORE—Chamber of Commerce, City Hall, A. L. Farmer, chn. building com., takes bids after Dec. 1, 10 story and basement, rein.-con., brick and stone, 5th and Cincinnati Sts. $500,000. Endacott & Rush, 404 New Wright Bldg., archts.

Wash., Seattle—OFFICE—Puget Sound Savings & Loan Assn., 300 Pike St., purchased site and had tentative plans prepared 60 x 111 ft. office building, 4th Ave. and Pike St. $275,000.

Wash., Seattle—SALES—W. L. Eaton, Pine St. and Summitt Ave., plans 2 story, 177 x 360 ft., steel and concrete, Thomas and John Sts. $200,000. Engineer and architect not selected.

Wash., Yakima—STORE and HOTEL—Chamber of Commerce, c/o A. Miller, chn. com., had tentative plans prepared by Austin Co., 16112 Euclid Ave., Cleveland, O., 200 room hotel. $700,000.

Ore., Portland — AUTO STORAGE and WAREHOUSE — Auto Hotels Corp., Los Angeles, Calif., having plans prepared 6 to 8 story, 100 x 100 ft., auto storage and warehouse, here. $150,000-$200,000. Hurley Mason Co., Gasco Bldg., engrs.

Ore., Portland—GARAGE—Corbett Bros., c/o H. L. Corbett, Corbett Bldg., having plans prepared by A. E. Doyle, Worcester Bldg., 4 story, ½ block, rein.-con. garage, Pine St. between Bway, and 6th St. $250,000. Noted Sept. 3.

Ore., Portland — GARAGE — Meier & Frank Co., Morris and Alder Sts., having plans prepared by H. A. Whitney, Lewis Bldg., 4 story, garage, on 200 x 200 ft. site, 14th, 15th, Everett and Flanders Sts.

California—MEMORIALS—Alameda Co. (Oakland) having plans prepared by H. H. Meyers, Kohl Bldg., San Francisco fireproof veterans memorial building, Harrison and 19th Sts., in Oakland, $165,000; also memorial at Alameda, $150,000, and others at Hayward, Niles, Livermore and Pleasanton, $75,000 or more each.

Calif., Brawley—HOTEL—J. W. Oakley, et al., c/o D. W. Wells, archt., 1st Natl. Bank Bldg., El Centro, plans fireproof hotel. $150,000.

Calif., Chico — THEATRE — Paramount Theatre Corp., 201 Golden Gate Ave., San Francisco, having plans prepared by L. F. Starks, Ochsner Bldg., Sacramento, fireproof, 1,500 seating capacity, here. $150,000.

Calif., Fresno—THEATRE and OFFICE—Pantages Theatre, Pantages Theatre Bldg., San Francisco, plans fireproof, 2,500 or more seating capacity, Fulton and Tuolumne Sts., here. $750,000 or more.

Calif., Hawthorne—THEATRE and OFFICE—O. G. Williams, c/o Cowles-Perrine, designers, 742 South Hill St., Los Angeles, had plans prepared 2 story and basement, 120 x 140 ft., brick theatre and office building.

Calif., Los Angeles—CLUB—Ebell Club, c/o Hewitt & Norman, archts., 110 West 11th St., having plans prepared 2 story and basement, 160 x 450 ft., rein.-con., Wilshire Blvd.

Calif., Los Angeles—HOTEL—C. F. DeLong, c/o M. E. Durfee, archt., Commercial Exchange Bldg., had plans prepared about 12 story and basement, 110 x 147 ft., rein.-con., Flower St.

Calif., Los Angeles—LOFT—Own Building Co., c/o J. J. Frauenfelder, archt., Story Bldg., had plans prepared 7 story and basement, 50 x 150 ft., rein.-con., 12th and Julian Sts. $165,000 or more.

Calif., Los Angeles—STORE and LOFT—Lloyd & Casler, Hill St. Bldg., had plans prepared by W. D. Lee, 401 Sun Bldg., 10 story and basement, 97 x 141 ft., timber and rein.-con., Maple and Pico Sts. To exceed $150,000.

Calif., Los Angeles — THEATRE — R. Barker and associates, 122 South Ardmore Ave., plans theatre, Highland and Melrose Aves. $750,000. Engineer and architect not selected.

Calif., Martinez—THEATRE—West Coast Theatres, 134 Leavenworth St., San Francisco, had plans prepared by Reid Bros., 105 Montgomery St., San Francisco, for theatre, here. $150,000.

Calif., San Francisco—APARTMENT—E. A. Bruer & G. Wagner, South Park and 3rd Sts., having plans prepared by Bakewell & Brown, 251 Kearny St., 12 story and basement, rein.-con. and steel, Gough St. and Bway. $600,000.

Calif., Santa Barbara — HOTEL — Edwards & Denman, archts., 517 Commercial Exch. Bldg., Los Angeles, soon take bids 4 story, rein.-con., Haley and State Sts., for J. H. Fast, c/o architects. $175,000. Noted Oct. 29.

Calif., Los Angeles—THEATRE—West Coast Theatres, Inc., Knickerbocker Bldg., had plans prepared by L. A. Smith, Lily-Fletcher Bldg., 2 story, 1,500 seating capacity, Maplewood St. and Western Ave.

Calif., Santa Monica — HOSPITAL — Pacific Beach Hospital, 312-316 Bliss Bldg., had preliminary plans prepared by W. H. Shaw, 1747 Maltman St., Los Angeles, 7 story, 210 x 320 ft., concrete, 7th St., Central and Beverly Aves. $1,000,000.

Calif., Ventura—THEATRE—C. Corcoran, c/o Amer. Theatre, plans fireproof theatre, 1,500 seating capacity. $150,000.

Ont., Toronto—CLUB—Granite Club, 519 Church St., having plans prepared by W. F. Sparling & Co., 54 University Ave., 2 story and basement, rein.-con. brick and steel, plain foundation, St. Clair Ave. W. $500,000. Noted Oct. 1.

Ont., Toronto—HOSPITAL—Hospital for Sick Children, College and Elizabeth Sts., having plans prepared by Wickson & Gregg, Temple Bldg., 3 story and basement, rein.-con., steel and brick addition, plain foundation, College St. $200,000.

BIDS DESIRED

N. H., Portsmouth—HOTEL—Nov. 15, by Rockingham Hotel, State St., 5 story, 60 x 75 ft., brick and concrete addition. $150,000. J. R. Richardson, 56 Grove St., Dover, archt. Noted Nov. 5.

Mass., Everett (Boston P. O.) — THEATRE—See "Contracts Awarded."

Mass., Malden — GARAGE — P. Levine, c/o J. Tuck, archt., Park Sq. Bldg., Boston, taking bids 1 story, 110 x 300 ft. brick garage, Pleasant St. $150,000.

Mass., Somerville (Boston P. O.) — THEATRE — J. A. Tuck, archt., 439 Park Sq. Bldg., Boston, taking bids 2 story, 100 x 200 ft., brick and terra cotta, plain foundation, 303 Bway., here. $160,000. Owner's name withheld. Noted Nov. 5.

Conn., Hartford — FIRE HEADQUARTERS—Nov. 17, by Bd. Contract & Supply, Municipal Bldg., 3 story, 50 x 150 ft., brick and steel, Pearl St. $250,000. Smith & Bassette, 36 Pearl St., archts. Noted Sept. 17.

Conn., New Haven—APARTMENT—See "Contracts Awarded."

N. Y., New York — APARTMENT — See "Contracts Awarded."

Pa., Phila.—APARTMENT—Nov. 16, by H. Kline, archt., Bulletin Bldg., 10 story and basement, 21 x 145 ft., rein.-con., brick and steel, plain foundation, 1106 Walnut St. $200,000. Owner's name withheld.

Pa., Phila.—OFFICE—Nov. 16, by P. Shaw & Hepburn, archts., 177 State St., Boston, Mass., general contract 14 story and basement, 93 x 98 ft., rein.-con., brick and steel, plain foundation, 1409-15 Arch St., here, for United Gas Impvt. Co., Broad and Arch Sts. Total $1,000,000. Foundation for above awarded to Murphy-Quigley Co., 1524 Sansom St. Noted May 7.

D. C., Wash.—GARAGE, Etc.—Nov. 25, by Dist. Comrs., District Building, garage and building for Police Station 13; adv. E.N.-R. Nov. 12.

Tenn., Nashville—OFFICE—Nov. 21 at office McKissack & McKissack, archts., 331½ Cedar St., 4 story office building, 4th Ave. N., for Grand Lodge Ancient Free and Accepted Masons of State of Tennessee, 416 6th Ave. N.

O., Cleveland—HOTEL—A. N. Weltman, 3320 Ormond Rd., taking bids 6 story, 88 x 255 ft., brick steel and concrete, 1588 Ansel Rd. $600,000. H. B. Beidler, Ulmer Bldg., archt.

Ind., Indianapolis — ADMINISTRATION — Standard Oil Co., 802 Lord St., taking bids 3 story and basement, 60 x 120 ft., brick, steel and rein.-con., 11th and Capitol Sts. $150,000. Schlintz & Bailey, Monadnock Bldg., Chicago, Ill. Archts. and engrs

Mich., Dearborn—THEATRE and OFFICE—See "Contracts Awarded."

Mich., Detroit—OFFICE—Nov. 24, by A. Kahn, archt., 1,000 Marquette Bldg., 14 story and basement, with two 10 story wings, rein.-con., brick and steel, plain foundation, Woodward Ave., for The Maccabees, c/o A. W. Frye, Congress and Shelby Sts. $2,500,000. Noted May 28.

Mich., Eloise — DORMITORY — Nov. 17, by H. H. Prenzlauer, secy. Wayne Co. Supts. of Poor, City Service Bldg., Detroit, 3 story and part basement, rein.-con., brick and steel, plain foundation, Michigan Ave. $150,000. F. J. Winter, 2121 Dime Bank Bldg., Detroit, archt. Noted Oct. 15.

Ill., Chicago—APARTMENT—Koenigsberg & Weisfeld, archts., 155 North Clark St., taking bids 3 story, 150 x 150 ft., rein.-con., brick and steel, Malden and Sunnyside Aves., for H. G. Malone, 4506 Malden Ave. $375,000.

Ill., Chicago—APARTMENT—Guske & Foster, archts., 750 North Michigan Ave., taking bids 10 story, 50 x 110 ft., brick and steel, De Witt St. and Delaware Pl., for A. O'Rourke, 111 West Washington St. $750,000.

Mo., Kansas City—HOTEL—See "Contracts Awarded."

Mo., St. Louis — APARTMENT — See "Contracts Awarded."

Tex., Dallas—MEMORIAL HOME—C. C. Young Memorial Home, c/o A. T. Wilson, 318 South Brighton St., taking bids 2 story and part basement, 40 x 186 ft., rein.-con. brick and stone, Stemmons Ave. $250,000. J. W. Westbrook, 407½ North Bishop St, archt. Noted March 20, 1924.

Buildings—Commercial (Continued)

Calif., Los Angeles—THEATRE, STORE and OFFICE—West Coast Theatres, Inc., Washington St. and Vermont Ave., taking bids 2 story, timber and rein.-con., 1,500 seating capacity, Maplewood and Western Aves. $150,000. L. A. Smith, 3rd St. and Western Ave., archt. Noted Nov. 12.

Calif., Los Angeles—WAREHOUSE—See "Contracts Awarded."

Calif., San Bernardino—COURTHOUSE—Nov. 16, by Supervs. San Bernardino Co., 4 story, 84 x 296 ft., rein.-con. courthouse. To exceed $300,000. Mitcham & Jones, 455 4th St., archt. Noted May 28.

BIDS RECEIVED

N. Y., Brooklyn—CLUB HOUSE—McKim, Mead & White, archts., 101 Park Ave., New York City, Nov. 4, 12 story, 162 x 185 ft., brick, steel, and stone, plain foundation, Boerum Pl., Schermerhorn and Livingston Sts., here, from McEntee & Sperling, 103 Park Ave., New York City, $2,793,000. Noted Oct. 29.

CONTRACTS AWARDED

Mass., Boston—STORE and OFFICE—Albert Rosenthal Estate, 294 Washington St., 5 story and basement, 45 x 60 ft., rein.-con. and brick, plain foundation, 6-10 Beach St., to Fritz Constr. Co., 62 Maywood St., Roxbury. Archts. est. $160,000. Noted Oct. 8.

Mass., Brockton — STORE and OFFICE — Majestic Realty Co., c/o C. T. Olson, archt., 101 Main St., 2 story and basement, 85 x 175 ft., brick and stone, Main St., to T. F. Crowell, Brockton. Archts. est. $150,000.

Mass., Everett (Boston P. O.) — THEATRE—E. L. Snider, 18 Tremont St., Boston, will build 1 story and basement, 85 x 160 ft., brick and steel, plain foundation, Bway. near Everett Sq. $150,000. Work will be done by separate contracts. Noted Oct. 29.

Mass., Sharon — LODGE — L. Dubinsky, will build 3 story and basement, 75 x 95 ft., brick and timber addition to Sunset Lodge, by day labor. $150,000. L. G. Foster, 102 North Main St., Mansfield, archt. Noted Oct. 15.

Conn., New Haven — APARTMENT — L. Resnikoff, 112 Hurlburt St., will build 3 story and basement, brick, steel and stone, Norton St., by day labor. $150,000. J. Weinstein, Metropolitan Bldg., archt.

Conn., New Haven — APARTMENT — Spadoni & Co., 173 DeWitt St., will build 2 story and basement, 85 x 89 ft., brick and steel, Elm and 3rd Sts., by day labor. $150,000. H. S. Cannici, 82 Church St., archt.

Conn., New Haven—THEATRE, STORE and OFFICE—B. E. and I. J. Hoffman, Ansonia, will build 3 story and basement, Main and Chestnut Sts., here, by day labor. E. C. Horn & Sons, 1476 Bway., New York City, archts. Noted Sept. 17.

N. Y., New York — APARTMENT — Princeton Constr. Co., c/o G. F. Pelham, archt. and engr., 200 West 72nd St., will build 14 story, 100 x 140 ft., brick and steel, plain foundation, 1160 Park Ave., by day labor. $1,000,000.

N. Y., New York — APARTMENT — Smallwell Constr. Co., c/o C. Kreymborg & Son, archts. and engrs., 253 Marion Ave., New York City, will build 6 story, brick, steel and stone, plain foundation, Harris Ave., by day labor. $250,000.

N. Y., New York — APARTMENT — L. Katz Constr. Co., c/o P. Lubroth, archt., 303 East Fordham Rd., will build 6 story, 85 x 100 ft., Plimpton Ave., $150,000, also 6 story, 90 x 150 ft., Kings College Pl. near Gun Hill Rd. $250,000, both brick, steel and stone, plain foundations, by day labor.

N. Y., New York—APARTMENT HOTEL—Hess & Kahn, 345 Madison Ave., will build 22 story, brick, steel and stone, plain foundation, 2-10 East 86th St. $3,000,000. Work will be done by separate contracts. Private plans.

N. Y., New York—THEATRE—Roxy Theatre, c/o W. A. Ahlschloager, archt., 65 East Huron St., Chicago, Ill., 1 story, 190 x 215 x 290 ft., rein.-con., brick and steel, 7th Ave. from 50th to 51st Sts., here, to Chanin Contr. Co., 105 Court St., Brooklyn. Archts. est. $5,000,000. Noted Jan. 29.

Pa., Phila.—LODGE—H. Mueller, archt., Crozer Bldg., 4 story and basement, 40 x 160 ft., rein.-con., brick and steel plain foundation, 1317-19 North Broad St., to F. G. Stewart, 1518 Locust St., for P. O. S. of A., c/o H. McFayden. Archts. est. $175,000. Noted Oct. 22.

Pa., Phila.—STORAGE—F. W. Sawyer, archt., 12th and Race Sts., rein.-con. and brick, plain foundation, 25th and Wharton Sts., to Murphy-Quigley Co., 1524 Sansom St. Archts. est. $150,000. Owner's name withheld.

Miss., Biloxi — HOTEL — White House Hotel Co., 5 story, 81 room, hollow tile and stucco annex, plain foundation, West Beach St., to Owen Constr. Co., Inc., 62½ South Water St., Mobile, Ala., $350,000.

Miss., Pass Christian—HOTEL—Edgewater Beach Co., 5452 Bway., Chicago, Ill., Edgewater Hotel, rein.-con., brick and stone, incl. swimming pool, etc., along Mississippi Sound, here, to B. Marshall, 721 North Michigan Ave., Chicago, Ill. and J. W. Billingsley, Interstate Bank Bldg., New Orleans, La. Archts. est. $2,000,000, with fittings $3,000,000. Noted Oct. 22.

Mich., Dearborn—THEATRE and OFFICE—B. B. Wetsman, 1024 Detroit Savings Bank Bldg., Detroit, will build 4 story and basement, brick, steel and concrete, plain foundation, Michigan Ave., by day labor. $160,000. L. Sukert, 415 Brainard St., Detroit, archt.

Ill., Chicago—CLUB—Schmidt, Garden & Martin, archts., 104 South Michigan Ave., general contract, 6 story, 80 x 120 ft., rein.-con., brick and steel addition, to J. B. French Co., 30 North Michigan Ave., for Chicago Athletic Club, 10 South Michigan Ave. Archts. est. $400,000. Noted Oct. 8.

Ill., Chicago—GARAGE—Yoar Cab Co., 415 East 39th St., general contract 1 story, 100 x 175 ft., brick garage, 415 East 29th St., to Holton Seelye & Co., 140 South Dearborn St.

Ill., Chicago—HOTEL—I. D. Rosenberg, 38 South Dearborn St., masonry contract 3 story and basement, 50 x 137 ft., brick and steel, 5517-5519 Blackstone Ave., to Rune & Son, 6744 Ridgeland Ave. Archts. est. $250,000.

Ill., Chicago — STORE, HOTEL and BATH HOUSE—H. Sugar, 110 South Dearborn St., masonry contract 3 story, 75 x 125 ft., brick, 1133-1137 South Kedzie Ave., to J. Siegle, 133 West Washington St. Archts. est. $400,000.

Ill., Chicago—HOTEL and STORE—D. S. Klafter, archt., 64 West Randolph St., general contract 6 story, 50 x 143 ft., rein.-con., brick and steel, 4826 Sheridan Rd., to Realty Building & Constr. Co., 177 North State St., for J. Glasser, 4645 Sheridan Rd. Archts. est. $750,000. Noted Aug. 13.

Ill., Duquoin — BANK — First Bank & Trust Co., 3 story, brick, concrete and stone, to Humes Deal Constr. Co., Syndicate Trust Bldg., St. Louis, Mo. Archts. est. $150,000.

Wis., Delafield—MEMORIAL CHAPEL—T. S. Van Alyea, archt., 424 Jefferson St., Milwaukee, superstructure for 2 story, 60 x 139 ft., stone and concrete, to Foster-Morris Co., 626 Clybourn St., Milwaukee. Archts. est. $150,000. Noted Oct. 29.

Wis., Fond du Lac—HOTEL—M. Tullgren & Sons, archts., 9 Waverly Pl., Milwaukee, 8 story and basement, rein.-con. and brick addition at Hotel Retlaw, plain foundation, here, to Immel Constr. Co., Dana Bldg., for Hotel Wisconsin Realty Co., 86 Michigan St., Milwaukee. Archts. est. $200,000. Noted Oct. 22.

Wis., Milwaukee — APARTMENT — Oak Park Apartment Co., c/o E. G. Schroeder Co., archts., 405 Bway., 3 story, (2 units) each 49 x 102 ft., brick and tile, plain foundation, Oakland Ave., to Reisinger & Co., 464 Oakland Ave. Archts. est. $150,000.

Wis., Milwaukee — HOTEL — Republic Building Co., 530 Grand Ave., 4 story and basement, 52 x 150 ft., brick and concrete, plain foundation, 4th and Wells Sts., to Reisinger & Co., 464 Oakland Ave. Archts. est. $200,000. Noted Oct. 22.

Minn., St. Paul — HOSPITAL — Ramsey Co. Bd. Control, J. Tong, secy., Court House, general contract 4 story and basement, T shaped, rein.-con. brick, tile and stone addition to Aucker Hospital, Jefferson and Colburn Sts., to J. Sack, 515 Rive St., $215,725. Noted Oct. 15.

Mo., Kansas City — HOTEL — Rogers-Johnson Building Co., 404 Title & Trust Bldg., will build 8 story and basement, 48 x 132 ft., rein.-con. and brick, 1016 Locust St. by day labor. Archts. est. $500,000. Noted June 25.

Mo., St. Louis — APARTMENT — Saum Bros., 713 A Chestnut St., will build 9 story and basement, 122 x 200 ft., rein.-con., brick, steel and stone, Grand St. and Castleman Ave., by day labor. $1,000,000. Private plans. Noted Oct. 1.

Ore., Portland — THEATRE — Keller & Boyd, Benson Hotel, 7 story, 100 x 200 ft., rein.-con. Salmon St. and Bway., to Hansen & Hammond, Pittock Blk. Archts. est. $1,000,000.

Calif., Los Angeles — HOTEL — Hotel Holding Co., 12 story and basement, 160 x 180 ft., concrete, Orange Dr. and Hollywood Blvd., to Trewitt & Shields, 801 Edwards & Wildey Bldg., $3,500,000.

Calif., Los Angeles — WAREHOUSE — A. M. Castle & Co., 2464 East 37th St., will build 1 story, 4 sections each 72 x 420 ft., steel and rein.-con., Topeka Ave., by day labor. $200,000. D. P. N. Little, 1403 Garfield Ave., South Pasadena, archt.

Buildings—Educational, Religious

PROPOSED WORK

Mass., Cambridge (Boston P. O.) — DORMITORY—Massachusetts Institute of Technology, S. W. Stratton, pres., plans dormitory. To exceed $150,000. Engineer and architect not selected.

Mass., Fall River — HIGH SCHOOL — City, C. R. Cummings, chn. com., had plans prepared by L. G. Destremps, 11 Pleasant St., Junior High School, 3 story, Norwood St. $800,000. Noted Sept. 24.

R. I., East Providence (br. Providence) — HIGH SCHOOL — City, School Com. plans brick, steel and stone, Junior High School, Wheldon Ave. Engineer and architect not selected.

Conn., Bridgeport — CHURCH — St. George Episcopal Church, 755 Clinton Ave., H. E. Kelly, pastor, plans 1 story and basement, stone church. $150,000. Engineer and architect selected soon.

Conn., Darien—HIGH SCHOOL—Town, School Bd., plans new high school, Post Rd. $150,000. Engineer and architect not selected.

Conn., Plainville—SCHOOL—Town, L. S. Mills, chn., having plans prepared by School Plan Service Bureau, 363 Main St., Middletown, 2 story and basement, brick and steel, East St. $250,000.

Conn., Shelton — CHURCH — Baptist Church, N. B. Prindel, pastor, having plans prepared by Smith, Kinne & Palmer, 254 Main St., Derby, 1 story and basement, 50 x 100 ft., brick and steel, Elm St. and Coram Ave. $150,000.

Conn., Stamford—SCHOOL—City, C. H. Martin, chn., had plans prepared by Allen & Chapman, 315 5th Ave., New York City, 2 story and basement, brick and steel addition to Rogers School, Rogers Dist. $300,000.

Conn., Wallingford — SCHOOL — City, School Comn., City Hall, having plans prepared by W. T. Arnold, 34½ West Main St., Meriden, 2 story and basement, 70 x 100 ft., brick and steel, East Center St. $150,000.

N. Y., Brooklyn — SCHOOL — Bd. Educ., 500 Park Ave., New York City, soon takes bids P. S. 101, 4 story, brick, steel and stone, plain foundation, 24th Ave. and Bay 35th St., here. $500,000. W. H. Gompert, Flatbush Ave. extension and Concord St., archt. and engr.

N. Y., New York—NURSES HOME—Mt. Sinai Hospital, 5th Ave. and 100th St., having plans prepared by R. D. Kohn, archt. and engr., 56 West 45th St., 15 story, brick, steel and stone, plain foundation, 100th St. $1,500,000. Noted April 23.

N. Y., Rochester—DORMITORY—University of Rochester, having plans prepared by Gordon & Kaelber, archts and engrs., Sibley Bldg., 4 story and basement, 40 x 200 ft., fireproof addition to womens dormitory, University Ave. $250,000.

N. Y., Rochester—SCHOOL—Bd. Educ. having plans prepared by Gordon & Kaelber, Sibley Bldg., 3 story main building and 1 story auditorium for School 5, Frank St. $750,000.

N. J., Haddonfield—HIGH SCHOOL—Bd. Educ. plans new high school. Engineer and architect not selected.

N. J., Mt. Ephraim—SCHOOLS—Centre Twp. School Bd., C. Brookfield, chn., com., having plans prepared by Edwards & Green, 23 Bway., Camden, for 4 schools. $158,000.

Pa., Allentown—GRADE and JUNIOR HIGH SCHOOL—Nov. 20, by Jacoby & Everitt, archts., Commonwealth Bldg., 3 story and basement, 136 x 182 ft., concrete and brick, plain foundation. 22nd and Turner Sts., for Bd. Educ.

Pa., Ardmore — HIGH SCHOOL — Bd. Educ. Lower Merion Twp., had plans prepared by R. E. White, Penn Bldg., Phila., and takes bids about January 1, 3 story and basement, 2 wings 100 x 150 ft. each, rein.-con. and brick addition, plain foundation.

Pa., Harrisburg—VOCATIONAL JUNIOR HIGH SCHOOL—See "Waterworks."

Buildings—Educational, Religious (Cont.)

Pa., Phila.—COLLEGE and HOSPITAL—Hohnmann College & Hospital, 15th and Race Sts., purchased 225 x 495 ft. site and plan college and hospital, 20th St. and Callowhill. Engineer and architect not selected.

Pa., Phila.—SYNAGOGUE and SUNDAY SCHOOL—Rodelph Shaler Synagogue, c/o C. E. Fox, pres. Bd. Trustees, plans 1½ and 2 story and basement, 100 x 240 ft., stone, plain foundation, Broad and Mt. Vernon Sts. $650,000. Engineer and architect not selected.

Tenn., Nashville — SCHOOL — Election Dec. 17, $1,000,000 bonds, 4 schools in various parts of city. H. E. Howse, mayor. Engineer and architect not selected. Noted Feb. 26.

Mich., Detroit — NURSES HOME — Bd. Health, Clinton and Beaubien Sts., having plans prepared by A. Kahn, 1000 Marquette Bldg., 3 story and basement, rein.-con., brick, steel and stone, for Herman Kiefer Hospital, Hamilton Ave. $200,000.

Minn., Buhl — HIGH SCHOOL — Bd. Educ., F. I. Goodspeed, clk., having plans prepared by Hausler & Kerr, 547 Hamm Bldg., St. Paul, altering and constructing 3 story and basement, rein.-con., brick and stone addition. $350,000.

Kan., Manhattan — LIBRARY — Kansas State Agricultural College soon takes bids library building. $250,000. C. D. Cuthbert, State House, Topeka, archt. Noted Mar. 19.

Mo., Cape Girardeau—SCHOOLS—Voted $300,000 bonds, new grade school, on West Side, and addition to Washington and May Greene Schools, etc., for Bd. Educ., J. A. Whiteford, supt. W. B. Ittner, 911 Locust St., St. Louis, archt.

Mo., St. Louis—CHURCH, SCHOOL and CONVENT—St. Cecelias Catholic Congregation, B. J. Benton, pastor, rejected bids Oct. 5, 2 and 3 story, rein.-con., brick and stone, Louisiana St. H. P. Hess, 1237 North Taylor Ave., archt. Will readvertise. Noted Oct. 1.

Tex., Ft. Worth—HIGH SCHOOLS—Bd. Educ., c/o M. H. Moore, supt., having plans prepared by W. G. Clarkson, 1st Natl. Bank Bldg., 4 story addition to Central High School, Cannon, Henderson, University and Terrell Sts. $600,000; also five new Junior High Schools, $1,250,000. Noted July 9.

Tex., Ft. Worth — MEDICAL ARTS — Tarrant Co. Medical Arts Building Co., c/o C. F. Clayton, F. & M. Bank Bldg., had preliminary plans prepared by Sanguinett, Staats & Hedrick, First Natl. Bank Bldg., 17 story and basement, 108 x 209 ft., rein.-con., brick and stone, Cherry, Burnett and 10th Sts. $1,500,000.

Tex., Houston — SCHOOLS — Voted $4,000,000 bonds 12 or more new schools, playgrounds, etc., for Bd. Educ.

Tex., San Antonio — CHURCH — Greek Orthodox Church, A. Prattes, c/o Manhattan Cage Bldg., chn. building com., having revised plans prepared by E. T. Jackson, archt. and engr., Builders Exch. Bldg., 1 story and basement, rein.-con. and brick, plain foundation, Ashby and Jones Aves. $200,000.

Tex., San Antonio — HIGH SCHOOL — City, postponed opening of bids Junior High School, 1 and 2 story and basement, rein.-con., brick and stone, plain foundation, Yorkshire and Berkshire Aves. $250,000. Plans being revised. Phelps & DeWees, Gunter Bldg., archts., A. B. and R. M. Ayres, Bedell Bldg., associated archts. Noted Oct. 1.

Calif., Madera—HIGH SCHOOL—Plans election $150,000 or more bonds, fireproof Junior High School, for Madera High School Dist.

Calif., San Francisco—SCHOOLS—City and San Francisco Co. having plans prepared by S. Heiman, 57 Post St., Sunnyside School annex, $150,000; by Miller & Pflueger, Lick Bldg., Jefferson School annex, $150,000; by J. J. Rankin, 57 Post St., Francis Scott Key School annex, $150,000; by S. Schnaittacher, 233 Post St., annex for Madison School, $150,000; and by J. Reid Jr., 1st. Natl. Bank Bldg., Commodore Sloat School annex, $150,000.

Ont., Kingston — GYMNASIUM and SCHOOL — Separate School Bd., had plans prepared by W. Newlands & Son, Royal Bank Bldg., 3 story and basement, rein.-con., brick and steel gymnasium and school addition, plain foundation, Russell St. $300,000. Noted July 23.

Ont., Toronto — CHURCH — Bloor Street Baptist Church, Bloor and Bay Sts., plans 1 story and basement, rein.-con. and brick, plain foundation, Heath and Yonge Sts. $200,000. Engineer and architect not selected.

Ont., Toronto — SCHOOL — Bd. Educ. having plans prepared by C. E. Dyson, 155 College St., 2 story and basement, rein.-con. steel and brick, plain foundation, Rosedale Heights Dr. $150,000. Noted Feb. 19.

Ont., Windsor — SCHOOL — Separate School Bd., c/o W. Gourd, secy., having plans prepared by Jacques & Allaster, 3 Oullette Ave., 2 story and basement, rein.-con., steel and brick, plain foundation. $175,000. Noted Aug. 27.

BIDS DESIRED

Mass., Hamilton — CHURCH — Christ Church taking bids 1 story and basement, stone and granite church. $150,000. Smith & Walker, 80 Boylston St., Boston, archts. Noted Aug. 13.

Conn., Danielson — HIGH SCHOOL — Town, F. A. Jacobs, chn. com., taking bids Killingly High School, 2 story and basement, brick and steel. $150,000. Sellew & Towner, 363 Main St., Middletown, archts. Noted Sept. 24.

Conn., Stamford—SCHOOL—City School Com. taking bids 2 story and basement, brick and steel, Woodland St. $250,000. Butler & Provost, 292 Main St., archts. Noted May 28.

Pa., Millmont (mail Ridley Park) — SCHOOL — Nov. 17, by P. Getz, archt., Victory Bldg., Phila., 2 story and basement, 55 x 106 ft., brick, stone and steel, plain foundation, Belmont and Millmont Aves., for Lady of Peace Parish, A. R. Rees, pastor.

La., Bastrop—HIGH SCHOOL—Nov. 17, by Bd. Educ. Morehouse Parish, 2 story, brick high school, here. $150,000. Former bids rejected. J. W. Smith, Monroe, archt. Noted Nov. 5.

Mich., Ecorse—SCHOOL—Dec. 2, by L. Salliotte, secy. Bd. Educ., 2 story and basement, rein.-con., brick and steel, plain foundation. $150,000. J. G. Kastler, 532 Detroit Savings Bank Bldg., Detroit, archt.

Wis., Milwaukee—NURSES HOME, etc.—Clas, Shepherd & Clas, archts., 445 Milwaukee St., taking bids 4 story and basement, 61 x 70 ft., brick and concrete nurses home addition, plain foundation, also addition to hospital, Cedar St., for which plans are not ready, for Milwaukee Hospital, Cedar and 22nd Sts. $450,000. Noted Oct. 15.

Calif., Covina — SCHOOLS — R. Meier, archt., Title Insurance Bldg., Los Angeles, taking bids 1 and 2 story, brick, rein.-con. and hollow tile, for California Preparatory School for Boys. To exceed $150,000. Noted Oct. 1.

Calif., Los Angeles—SYNAGOGUE—Nov. 25, by Edelman & Barnett, archts., 726 H. W. Hellman Bldg., and S. T. Norton & H. Wallis, archts., 1210 Financial Center Bldg., 1 story and basement, 120 x 260 ft. synagogue, incl. 4 story Sunday school section, dome 120 ft. high, tile, marble, rein.-con. and steel, Wilshire and Hobart Blvds. $1,000,000.

BIDS RECEIVED

N. Y., Woodhaven (Jamaica P. O.) — SCHOOL—W. H. Gompert, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, Nov. 5, general contract P. S. 63, Sutter Ave. from 90th to 91st Sts., here, for Bd. Educ., 59th St. and Park Ave., New York City, from Hayson Constr. Co., 44 Court St., Brooklyn, $567,000; plumbing from J. A. Graf, 394 Waverly Ave., Brooklyn, $29,742; and heating, from Almirall & Co., Inc., 1 Dominick St., New York City, $78,314. Noted Oct. 29.

Pa., Phila. — SCHOOL — Bd. Educ., c/o J. D. Cassell, supt., 19th and Chestnut Sts., 4 story and basement, 159 x 268 ft. school, Pike St. between 17th and 18th Sts., general contract, from McCloskey Co., 1620 Thompson St. $997,847; heating, from J. Borden & Bros., 637 North 19th St., $63,840; plumbing, from S. Faith & Co., Inc., 2427 Pennsylvania Ave., $45,743; and electrical work, from Walker & Kepler, 531 Chestnut St., $32,281. Noted Oct. 29.

Ga., Augusta — ACADEMY — Richmond Academy, academy building, Tudor design, from Palmer-Spivey Constr. Co., 124 8th St., $406,850.

O., Cleveland — SCHOOL — Bd. Educ., F. G. Hogen, dir., 2 story and basement, 65 x 149 ft., brick, steel and concrete addition, West 130th St. and Lorain Ave., from Schrader Constr. Co., Sixth-St. Clair Bldg., $207,000. Noted Oct. 22.

O., Mansfield — HIGH SCHOOL — Bd. Educ., interior work of 3 story and basement, brick high school, from Boldt Constr. Co., 1869 East 70th St., Cleveland, $145,000. Noted Oct. 1.

Mo., Cape Girardeau—CHURCH—First Baptist Congregation, W. C. Ballard, chn. building com., general contract 2 story and basement, brick, concrete and stone church, from Cotner & Reisenbacher, Cape Girardeau, $138,000. Archts. est. $150,000.

CONTRACTS AWARDED

Me., Lewiston — GYMNASIUM — Bates College, H. Rowe, secy., 1 story, 105 x 165 ft., brick, steel and stone gymnasium and indoor athletic field, to H. P. Cummings Constr. Co., 14 Prospect St., Ware. Archts. est. $500,000. Noted Sept. 3.

Mass., Hawthorne — SCHOOL — Trustees Essex Co., Agricultural School, Courthouse, Salem, 2 story and basement, 72 x 56 ft. with 43 x 43 ft. ell, brick and stone school home making building, to Phinney, McFarland, Hilton & Duncan, Danvers. Archts. est. $150,000. Noted Sept. 17.

R. I., Warren — SCHOOL — St. John's Roman Catholic Church, E. Caron, pastor, 2 story and basement, brick and stone, plain foundation, Main St., to J. A. Donatelli, Gordno Ave., Providence. Archts. est. $150,000.

Conn., New Britain — SCHOOL — City, School Dept., J. M. Halloran, chn., general contract 2 story and basement, brick and steel, Steel St., to Peck McWilliams Co., 47 West Main St., Norwich, $263,750. Noted Oct. 15.

N. J., Blackwood—HIGH SCHOOL—Bd. Educ., c/o J. Price, Glendora, 2 story and basement, 106 x 130 ft. rein.-con., brick, plain foundation, general contract to G. Brandt, Blackwood, $116,872. Noted Nov. 5.

N. J., Camden—SCHOOLS—School Bd. Pensauken Twp., general contract 2 story and basement, 50 x 212 ft. and 39 x 93 ft. rein.-con., and brick, plain foundation, Wistaria Ave. East of Lexington Ave. to H. J. Homan, 18th and Cherry Sts., Phila., Pa., $264,450; also same dimensions as above at 55th St. and Forest Ave., to J. M. Yardley, 1730 Sansom St., Phila., Pa., $238,350. Noted Oct. 22.

Pa., Phila.—HIGH SCHOOL—Hoffman-Henon, archts., Finance Bldg., 3 story and basement, 188 x 215 ft., rein.-con., brick and steel, plain foundation, 45th and Chestnut Sts., to B. J. McKenna, 1713 Moravian St., for Girls Catholic High School, D. C. Daugherty, pastor, 18th and Race Sts. Archts. est. $1,000,000. Noted Oct. 15.

Pa., Phila.—SCHOOL—Hoffman-Henon Co., archts., Finance Bldg., 5 story and basement, 61 x 171 ft., rein.-con., brick and steel, plain foundation, 16th and Girard Sts., to J. B. Kelly, 2315 Walnut St., for St. Josephs Hospital. $300,000. Noted Sept. 3.

Fla., Jacksonville—SCHOOL—Church of Immaculate Conception, J. J. Meehan, pastor, 2 story and basement, brick and concrete, Duval Ave., to W. T. Hadlow, Baldwin Bldg. Archts. est. $150,000.

O., Lorain — CHURCH — Holy Trinity Church, W. F. Novak, pastor, 2428 Elyria Ave., 1 story and basement, 50 x 125 ft., brick, to T. Hume, Lorain. Archts. est. $150,000.

Mich., Detroit—SCHOOL—Bd. Educ., 2 story and basement, 132 x 171 ft., rein.-con., brick and steel, Nashville Ave., to M. A. Mahoney, 400 Penobscot Bldg., $204,497. Noted Nov. 5.

Ia., Marshalltown — SCHOOLS — Bd. Educ., general contract Senior and Junior High Schools, 2 and 3 story and basement, rein.-con., brick and stone, to Reische & Sanborn, 514 Jackson St., Sioux City, $253,804 and $57,973 respectively; heating and plumbing, to M. F. Banzhaf, Marshalltown, $54,288 and $13,701 respectively.

Neb., Omaha — SCHOOL — Bd. Educ., general contract 2 story and basement, 93 x 171 ft., brick, concrete and stone, Center St., to Nelson-Cooper Co., 202 Courtney St., $110,000; heating, plumbing and sewering, to B. Grunwald, Inc., 1110 Farnum St., $33 387.

Tex., Dallas—SCHOOL—Bd. Educ., c/o C. M. Moore, secy., Akard and Royal Sts., 2 story and part basement, 115 x 150 ft., rein.-con. brick, stone and steel addition, to Bovie School, 7th and Lancaster Sts., from W. H. King, 410 Andrews Bldg., $113,869. Noted Sept. 10.

Calif., Palo Alto — LABORATORY — L. Stanford, Jr., University, 1 story electrical laboratory, steel and brick, to G. Wagner, Inc., 181 South Park St., San Francisco, $155,000.

Ont., London — HIGH SCHOOL — Bd. Educ., 2 story and basement, 65 x 185 ft., Dundas St., to J. Putherbough, 272 Regent St., $290,000; heating and plumbing, to W. Skelly, 242 King St., $39,000. Noted Oct. 15.

Ont., Toronto—SCHOOL—Bd. Educ., 155 College St., 2 story school, masonry work, to P. Harman, 399 Dupont St.; and carpentry work, to F. Armstrong, 89 Oak St. Archts. total est. $150,000. Noted Aug. 6.

Federal Government Work

PROPOSED WORK

Md., Baltimore—Roads—Treas. Dept. at office Supervising Archt., Wash., D. C., revoked contract awarded to Sloan Dickinson Co., 136 Liberty St., New York City, N. Y., extending and remodeling roads, here. Plans will be revised and readvertised. Noted Oct. 22.

D. C., Wash. — HOSPITAL — U. S. Veterans Bureau, Arlington Bldg., having plans prepared administration and clinic buildings, at Mt. Alto Hospital. $150,000.

Calif., Soldiers Home (br. Sawtelle P. O.)—Boiler, etc.—Treas. Dept. at office Supervising Archt., Wash., D. C., soon takes bids 400 hp. water tube boiler, 150 ft. concrete stack, etc., here. G. T. Baggott, treas. Soldiers Home, Los Angeles Co.

BIDS DESIRED

N. Y., Sacket Harbor—Quarters—Dec. 7, at Office Constructing Quartermaster, Madison Barracks, for 5 brick, slate and concrete buildings; adv. E. N.-R. Nov. 12.

D. C., Wash.—Boiler Plant Equipment, etc.—Spec. 5152—Nov. 25, by Bureau Yards & Docks, Navy Dept., combined feed water heater and meter, reciprocating boiler feed pumps, storage tank, etc., at Naval Hospital; adv. E. N.-R. Nov. 12. Noted Nov. 5.

Tenn., Memphis—Work Boats—Dec. 10, by Mississippi River Comn., 1st and 2nd Dists., 2 steel hull work boats, 36 x 10 x 3 ft.; adv. E. N.-R. Nov. 12.

Ala., Birmingham—Bank—Nov. 16, by Treas. Dept., Wash., D. C., 3 story, 50 x 110 ft., limestone and marble, 5th Ave., here. $250,000. Warren, Knight & Davis, Empire Blk., archts.

BIDS RECEIVED

N. Y., Stapleton (Staten Island P. O.)—Hospital — Treas. Dept., at office Supervising Archt., Wash., D. C.; Nov. 9, maids rooms, alterations, etc. at Junior Medical Officers Quarters, here, from Bergren Bros., Tompkinsville, (1) $3,963 (2) $1,760. Noted Oct. 15.

N. J., Montclair — Post Office — Treas. Dept., at office Supervising Archt., Wash., D. C., 1 story and mezzanine, brick and stone post office, here, from A. Blair, 11 South Lawrence St., Montgomery, Ala., $103,850. Noted Oct. 15.

New Mexico—Bridges—J. W. Johnson, dist. engr. Bureau Pub. Rds., Dept. of Agriculture, 301 Custom House Bldg., Denver, Colo., Oct. 27, improving Datil Reserve-Dry Creek Natl. Forest Rd. Project, San Francisco River Bridge Section from Salle Constr. Co., Pueblo, Colo., $41,730. Noted Oct. 22.

California — Roads — C. H. Sweetser, dist. engr., San Francisco, Oct. 26, improving 11.86 mi. Sonora-Long Barn Natl. Forest Highway, (a) 21,600 cu.yd. crushed rock surfacing and (b) 1,200 cu.yd. stock piling top course material, from Arris-Knapp Co., 961 41st St., Emeryville, (a) $3.25 (b) $3, total $73,800.

CONTRACTS AWARDED

Mass., Boston — Rehabilitating — Treas. Dept. at office Supervising Archt., Wash., D. C., rehabilitating Tuberculosis Building, here, to H. Holmes Constr. Co., 67 Bonair St., Somerville, Mass., $2,796. Noted Oct. 8.

Ky., Louisville—Gates—U. S. Engineer Office, lock gates for Locks 46 and 49, to Independent Bridge Co., P. O. Box 1920, Pittsburgh, Pa., $102,240. Noted Nov. 5.

Ill., Chicago—Breakwater—U. S. Engineer Office, 537 South Dearborn St., breakwater at Indiana Harbor, Ind., to Great Lake Dredge & Dock Co., 104 South Michigan Ave., $49,871. Noted Oct. 15.

Mo., Kansas City—Current Retards—U. S. Engineer Office, 707 Postal Telegraph Bldg., 1,110 lin.ft. current retards, at Quindaro, Kan., and 270 ft. retards near Parkville, Mo., both in Missouri River, to Woods Bros. Constr. Co., 132 South 13th St., Lincoln, Neb., $59,400 and $14,850 respectively. Noted Nov. 5.

Unclassified

PROPOSED WORK

Subway Tunnel—New York, N. Y.—Bd. Transportation, 49 Lafayette St., making plans subway tunnel, etc., 208th St. and Harlem River. $3,000,000.

Terminal and Slips — Brunswick, Ga. — Atlanta, Birmingham & Atlantic Ry. Co., Brown Bldg., Atlanta, plans rebuilding and dredging terminals and slips. $250,000. L. L. Beall, c/o owner, engr.

Dry Dock—Algiers (New Orleans P. O.), **La.** — Todd Dry Dock & Constr. Co., 25 Bway., New York City, N. Y., plans ship repair plant, incl. 1 or more dry docks, here. $750,000.

Lighting System—Nashville, Tenn.—Election Dec. 17, $100,000 bonds, extending lighting system. H. E. House, mayor.

Stadium—Evanston, Ill.—Northwestern University having plans prepared by J. G. Rogers, 367 Lexington Ave., New York City, N. Y., stadium, 1,000 ft. long, 127 ft. high, 3 decks, concrete, Central St. G. Hadden, 280 Madison Ave., New York City, N. Y., engr.

Grain Elevator — South Chicago (Chicago P. O.), **Ill.**—Wabash R.R. Co., Exch. Bldg., St. Louis, Mo., R. H. Howard, ch. engr., having plans prepared by J. Stewart & Co., Inc., 343 South Dearborn St., Chicago, 31 bin addition to Rialto Grain Elevator, 1,560,000 bu. capacity, brick and concrete, 104th St. and South Chicago Ave., here. Above operated by Nye Jenks Grain Co., 140 West Van Buren St., Chicago. Noted Sept. 3.

Golf Course—Milwaukee, Wis.—Westmoor Country Club, C. S. Perry, Pereles Bldg., acquired 140 acre site and plans golf course, near here. To exceed $25,000. Engineer not selected.

Golf Course—New London, Wis.—New London Golf Club, c/o E. C. Jost, chn. Bd. Directors, acquired 55 acre site and plans golf course in spring. To exceed $25,000. Engineer not selected.

Terminal Improvements — Minneapolis, Minn.—Made tentative plans terminal improvements at Mississippi River, incl. roadway, two rail tracks, etc. $200,000. N. W. Elsberg, city engr.

Playgrounds, Etc. — St. Cloud, Minn.—Defeated $100,000 bonds improving Lake George, incl. playgrounds, drive, etc. Project to be financed some other way. Noted Oct. 8.

Park Development, etc.—St. Paul, Minn.—Dept. Parks, Playgrounds and Public Buildings, H. C. Wenzel, comr., made plans developing Highland Park, land between Bohland Ave., Edgecombe Rd. and Pleasant Ave. west to Snelling Ave., paving Montreal Ave., Edgecombe Rd. and Hamline Ave. into park, $204,783; constructing concrete swimming pool, $120,000; paving Ford Rd. between Snelling and Hamline Aves. also Otta Ave., $71,500; and constructing trunk sewers $40,000. G. M. Shepard, city engr.

Grain Storage Tanks, etc.—Kansas City, Kan.—See "Buildings—Industrial."

Tension Line—Texas—Texas Pub. Utilities Co., San Marcus, plans low tension high line from San Marcus to Martindale, Maxwell, Reedville and Staples, etc. $100,000. Private plans.

Park, etc.—Ft. Worth, Tex. — Electtion Nov. 24 $500,000 bonds, park site, park improvements, etc., also $170,000 bonds recreation facilities. D. L. Lewis, city engr.

Lighting System—Los Angeles, Calif.—Plans 5½ mi. ornamental street lighting system on various streets.

Pier Shed—San Francisco, Calif.—State Harbor Comn., Ferry Bldg., making plans enlarging pier shed and erecting new shed, Pier 15. $185,000. F. G. White, Ferry Bldg., engr.

BIDS DESIRED

Baseball Cage—Cambridge (Boston P. O.), **Mass.**—Harvard Athletic Assn., F. W. Moon, major, taking bids 1 story, 150 x 160 ft., brick baseball cage. $40,000. G. Lowell, 12 West St., Boston, archt. Noted Jan. 29.

Boring, Piles, etc. — Albany, N. Y. — Nov. 25, by Albany Post Dist. Comn., 100 State St., 4 churn drill borings, 75 ft. each, and 4 core borings, 10 ft. each; also for driving 20 test piles. F. C. Herrick, chn.

Sanitary Work, etc.—Newark, N. Y.—Dec. 3, by Superintendent Purchase, Capitol, Albany, sanitary work, water supply for fire protection, for State School for Mental Defectives, here; adv. E. N.-R. Nov. 12.

Sanitary Work, etc.—Randalls Island (mail New York) N. Y.—Dec. 3, by Superintendent Purchase, Capitol, Albany, sanitary work and additional fire protection, at New York House of Refuge, here; adv. E. N.-R. Nov. 12.

Oil Storage Tanks — Chester, Pa. — See "Buildings—Industrial."

Foundations, etc.—Phila., Pa.—Nov. 18, by Comrs. Fairmont Park, City Hall, excavation, foundations, steps, paving, etc. forming approach to Museum of Art., Fairmont Park; Schedule A, incl. excavation, concrete footing and foundations, sewers steps, check walls, etc.; Schedule B, incl. cascades, basins, wiers, retaining walls, etc. $1,000,000. Borie, Trumbauer & Zantzinger, Land Title Bldg., archts. Noted Sept. 17 under "Buildings—Commercial."

Concrete Cap—Chicago, Ill.—Nov. 13, by South Park Comrs., 57th St. and Cottage Grove Ave., concrete cap on dock wall along water front of Grant Park between Roosevelt Rd. and point 150 ft. north of Monroe St. E. J. Whitty, secy.

BIDS RECEIVED

Steel Ferry Boats—Boston, Mass.—Dept. Pub. Wks., from Bethlehem Shipbuilding Corp., Ltd., 100 Milk St., 1 boat $267,265, 2 boats $515,950. Noted Oct. 1.

CONTRACTS AWARDED

Heating and Ventilating—Revere, Mass.—School Bd., City Hall, heating and ventilating system in high school, to Stubbs Bros., 16 Ash St., Boston. Engrs. est $25,000. Noted Oct. 8.

Coal Pocket—Salem, Mass.—Salem Terminal Corp., 40 x 66 ft. coal pocket, timber, Phillips Wharf, to G. P. Carver, 261 Franklin St., Boston. Archts. est. $40,000.

Electrical Installation—Phila., Pa.—Dept. Pub. Wks. Bureau of Engineering, electrical installation in city owned property east of Broad St. south of Pattison Ave., to W. P. Pangborne & Co., 1925 West Montgomery St., $86,092. Noted Nov. 5.

Foundation—Phila., Pa.—See "Buildings—Commercial under Bids Desired."

Car Barn — Pittsburgh, Pa. — Pittsburgh Railways Co., 435 6th Ave., general contract 2 story, 112 x 121 ft. car barn, 2nd Ave., to W. T. Grange Constr. Co., Keenan Bldg.

Coaling Station—Sardis, Ga.—Savannah & Atlantic Ry. Co., 30 East Bryan St., Savannah, J. A. McLeod, ch. engr., coaling station, here, to Fairbanks-Morse & Co., 900 South Wabash Ave. Engrs. est. $44,000.

Swimming Pool—Pass Christian, Miss.—See "Buildings—Commercial."

Foundation—Rockford, Ill.—See "Buildings—Industrial under Proposed Work."

Foundation — Fond du Lac, Wis. — See "Buildings—Educational, Religious, under Proposed Work."

Heating and Plumbing — Marshalltown, Ia. — See "Buildings — Educational, Religious."

Turbine Generator Unit, etc.—Moorhead, Minn.—R. G. Price, city clk., mechanical equipment for power plant, incl. boiler settings, forced draft fans, pumps, ducts, piping insulation, etc., to Commonwealth Electric Co., 417 Bway., St. Paul, $43,000. Noted Aug. 20.

Blast Furnace—St. Louis, Mo.—St. Louis Coke & Iron Co., 117 North 4th St., 3,500 tons steel blast furnace, to P. Conley Co., Leetsdale, Pa. Engrs. est. $2,000,000.

Dock—Kelso, Wash.—Kelso Port Comn., constructing log dock of 91,000 sq.ft. area, here, to Hart Constr. Co., Longview, $77,770. Engrs. est .$83,000.

Docks, etc. — Longview, Wash. — T. P. Fisk, attorney, constructing new docks and warehouses, here, to Hart Constr. Co., East 11th St., Tacoma, for Port of Kelso, Kelso. $77,770. Engrs. est. $83,000.

Chimney — Trail, B. C. — Consolidated Mining & Smelting Co., general contract 409 ft. rein.-con. and steel chimney, to Rust Eng. Co., 3rd Ave. and Ross St., Pittsburgh, Pa.

Materials

PROPOSED WORK

Asphalt, Stone, etc.—London, Ont.—City Council, plans to purchase during 1926 asphalt, crushed stone, oil, castings, etc. To exceed $150,000. W. A. Near, City Hall, engr.

BIDS DESIRED

Paving Blocks, etc. — Toronto, Ont. — Nov. 17, by T. Foster, mayor and chn. Bd. Control, City Hall, vitr. paving blocks, concrete, brick and vitr. sewer pipe, asphalt, lumber, etc. $250,000-$500,000. R. C. Harris, City Hall, engr.

CONTRACTS AWARDED

Castings—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., steel castings to corporation yards, to Detroit Steel Castings Co., 227 Fulton St., $2,220. Noted Oct. 29.

OFFICIAL PROPOSALS

OFFICIAL PROPOSALS

Bids: Nov. 20.

Bridge Work

Jacksonville, Fla.

Sealed proposals to be filed with Frank Brown, Clerk, Room 101, County Court House, Jacksonville, Duval County, Florida, will be received up to 10 o'clock a.m., Friday, November 20, 1925, for the construction of four additional new concrete highway spans to the McGirt's Creek Bridge now under construction, on Orange Park Road, No. 5, over McGirt's Creek, Duval County, Florida. These approach spans are to be constructed under the Duval County Bond Issue of 1925.

Bids will be received for the construction of the new four spans under one contract. The four new spans will have a total length of 164 feet, consisting of four 41-foot reinforced concrete deck girder spans, with a 28-foot roadway and two 5-foot sidewalks and will connect with the new McGirt's Creek Bridge now under construction, and the McGirt's Creek Bridge abutments and approaches, forming a part of the approaches and will form a part of the approaches to the Jacksonville and Ortega shores of McGirt's Creek. The four new spans contain approximately 638 cubic yards of reinforced concrete, 63,000 pounds of reinforcing steel, and 4,400 linear feet of wooden piles.

Bids will be accompanied by a certified check, drawn upon a local bank, made payable to J. F. Hammond, Chairman of the Board of County Commissioners, or money. Such certified check or money shall be in the sum of 5 per cent of the bid, to be forfeited as liquidated damages (not penalty) by any bidder who is awarded the contract and who fails promptly to execute contract and bond. The certified check or money will be returned to bidders upon execution of the contract and bond, or sooner upon action of the commissioners.

A bond satisfactory to the commissioners for 50 per cent of the total contract price will be required, which must be executed by a resident agent in Duval County, representing a Surety Company, authorized to do business in the State of Florida, and otherwise satisfactory to the County. The contract may be awarded to the lowest responsible and competent bidder but the Board of County Commissioners reserves the right to reject any and all bids and to waive informalities. Bids shall be based upon the plans and specifications of the Bridge Engineer, copies of which may be secured at the office of T. B. Carrick, County Bridge Engineer, Jacksonville, Fla., by depositing $50.00, which sum will be returned in full if plans and specifications are returned in good order within thirty days of the date of opening bids. Plans and specifications may be examined in the County Engineer's Office at any time.

J. F. HAMMOND,
By order of the Board Chairman.
Attest:
FRANK BROWN, Clerk.
Nov. 2, 1925.

Bids: Dec. 1.

Portland Cement

Mobile, Ala.

Sealed proposals will be received by the Alabama State Docks Commission at their office, Second Floor, State Office Building, Mobile, Alabama, until 10:00 A.M., December 1st, 1925; and then publicly opened for furnishing and delivering about 54,000 barrels of Portland Cement.

A deposit of One Thousand ($1,000.00) Dollars in Cash or Certified Check, or in lieu thereof, a bidder's bond for like amount with an approved company, is required with each proposal.

Specifications and proposal forms may be obtained from the office of the Purchasing Agent, Second Floor, State Office Building, Mobile, Alabama.

A bond to the amount of 50% of the sum bid is required with notarial contract.

The right is reserved to reject any or all bids and to waive informalities.

Alabama State Docks Commission,
WILLIAM L. SIBERT,
Chairman.

OFFICIAL PROPOSALS

Bids: Nov. 25.

Road Work

STATE OF RHODE ISLAND
STATE BOARD OF PUBLIC ROADS
Providence, R. I.

Sealed proposals for the construction, under the provisions of the Federal Aid Highway Act, of the following sections of State highway will be received by the State Board of Public Roads at its office, State House, Providence, R. I., until 12 o'clock noon, Eastern Standard Time, on Wednesday, November 25th, 1925, at which time they will be opened and read in public:

Contract No. 2515—Federal Aid
Project No. 30
Scituate-Chopmist Hill Road.

Beginning at the Danielson Pike at Chopmist, so-called, and extending southerly on the Chopmist Hill Road to Rockland, North Scituate Road.

2.36 miles bituminous concrete Topeka, 18 ft. wide, also

Contract No. 2516—Federal Aid
Project No. 29
Cumberland-Diamond Hill Road.

Beginning at Blackstone Street, Valley Falls, and extending northerly on the Diamond Hill Road for 6.61 miles to the Wrentham Road at Grants Mills.

6.61 miles bituminous macadam penetration local base—trap top. 18 ft. wide, 8 inches thick.

Bids on the above contracts must be made on blank forms to be furnished by the board. No bids will be accepted unless accompanied by a certified check for the sum of $200.00 payable to the State of Rhode Island.

The board reserves the right to reject any or all bids and to give preference to towns or cities in accordance with Section 5 of Chapter 97 of the General Laws of Rhode Island, Revision of 1923.

Plans may be examined and specifications and bidding blanks may be obtained at the office of the State Board of Public Roads, Room 10, State House, Providence, R. I., on and after Thursday, November 12th, 1925, every week day (except Saturday and holidays) between the hours of 9 a.m. and 5 p.m. Eastern Standard Time, and on Saturdays from 9 a.m. to 12 m.

State Board of Public Roads
ABRAM L. ATWOOD,
BENJAMIN F. ROBINSON,
FRANK COLE,
JOHN W. HANLEY,
F. A. H. BODINGTON.

Bids: Nov. 23.

Alley Paving

Forest Park, Ill.

Sealed bids will be received by the Board of Local Improvements of Forest Park, Illinois, until 8 o'clock p.m., November 23rd, 1925, for the construction of about 24,300 square yards of concrete alley pavement.

Proposals must be made on blanks furnished by said Board, and can be had on application to Harry C. Huxhold, Village Clerk, Forest Park, Illinois upon the receipt of cash or certified check of the amount of $10.00, which will be refunded upon receipt of bid and return of plans in good condition.

Mayor and Council of the Village of Forest Park.

By HARRY C. HUXHOLD,
Village Clerk.

Bids: Dec. 7.

State Highway Work

Harrisburg, Pa.

Pennsylvania Department of Highways, Harrisburg, Pennsylvania. Bids will be received December 7, 1925, for construction of five projects, totaling approximately twenty-five miles, construction to be either reinforced concrete or grading and drainage. Projects situated in the following counties:

Somerset, Susquehanna, Warren, Westmoreland.

Full particulars upon application to W. H. Connell, Engineering Executive and Deputy Secretary of Highways, Harrisburg, Pennsylvania.

OFFICIAL PROPOSALS

Bids: Nov. 25.

Drainage and Grading

Webster Springs, W. Va.

The West Virginia Midland Railway Company will receive sealed proposals until one o'clock p. m. on the 25th day of November, 1925, for the drainage and grading for a certain section of its railway being a part of the extension of its line of railway between Webster Springs and Bergoo, Webster County, West Virginia, beginning at Station No. 556 and at a point of intersection with the old grade made by the Greenbrier, Cheat and Elk Railroad Company, on the North side of Elk River, thence running approximately 700 feet to the river at bridge location; thence from end of bridge location on South side of Elk River, extending down said river on the South side thereof, to Station No. 300 about one mile below the mouth of Mill Run, a distance of 4.8 miles.

The profile and specifications for said grading and drainage are on file at the office of Jack Blasco, Engineer, in Webster Springs, West Virginia, for inspection by prospective bidders. Proposal forms may also be had at the office of said engineer.

The Railway Company reserves the right to reject any and all bids or proposals; to waive any formal defects in the proposals received, and to accept any bid or proposal which it deems most favorable to the interests of the company.

Proposals shall be made on proposal forms only as furnished by the company or its engineer and shall be delivered to and in the hands of Jack Blasco at Webster Springs, West Virginia, on or before the day and hour therein above specified.

WEST VIRGINIA MIDLAND
RAILWAY Co.
By GEO. A. HECHMER,
General Manager.

Bids: Nov. 24.

Bridge

VIRGINIA STATE HIGHWAY COMMISSION

Richmond, Va., Nov. 3rd, 1925.

Sealed bids will be received at the Office of the State Highway Commission, State Office Bldg., Capitol Square, Richmond, Va., until 10:00 a. m. Tuesday, November 24th, 1925, for the construction of—

ROUTE 31—PROJECT F-372D.—Spotsylvania County. One 38'-10" concrete beam span bridge over Ny River (Roadway-24'), calling for 65 cu.yds. "A" Conc., 126 cu.yds. "B" Conc., and 12,735 lbs. steel.

Contractors will be shown over the work at the District Office, Fredericksburg, Va., 9:30 a. m., Friday, November 13th. District Office and Shipping Point—Fredericksburg, R.F.&P.R.R.—9 mile haul. Proposal guaranty to be certified check to the amount of $1,000. Plans and specifications are on file at, and may be secured from the Richmond Office, Richmond, Va. They are also on file at the District Office.

The State Highway Commission reserves the right to reject any or all bids.

Bids: Dec. 2.

Sewerage, Waterworks and Drainage Construction for 1926

New Orleans, La., Oct. 3, 1925.

Sealed proposals will be received by the Sewerage and Water Board of New Orleans up to 12 o'clock, noon, of Wednesday, December 2nd, 1925, for furnishing labor and material on a percentage basis for sewerage, waterworks and drainage construction, during the year 1926.

Specifications and blank proposal forms may be obtained at the office of the Board, No. 526 Carondelet Street, New Orleans, Louisiana.

The right is reserved to reject any, or all bids.

A. G. MOFFAT,
Secretary.
GEO. G. EARL,
General Superintendent.